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THE GRACE HOSPITAL

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DETROIT, MICHIGAN

1920

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TO THE READER

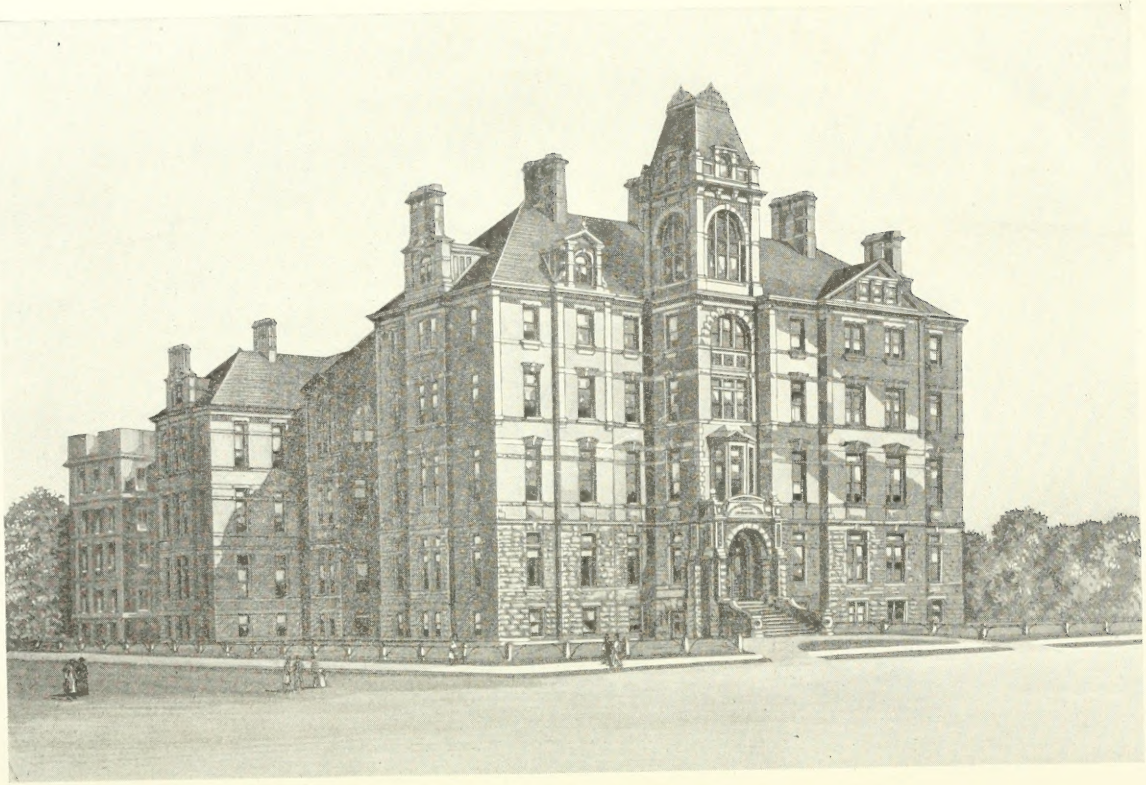
WE WANT you to become familiar with the work of The Grace Hospital. If your circumstances are such that you are not able to contribute to the charity work of the hospital, you can at least do us the favor of reading herein about the work we are doing.

All objectionable medical and surgical statistics have been omitted and this little book is issued for the perusal of the general public.

This is a public institution and it belongs to the citizens of Detroit. In the fulfillment of its mission it is intended to serve you in time of sickness or accident. If you are unfortunate enough to need hospital care, the money that you pay will contribute towards the care of someone who is poorly provided with this world's goods.

We invite you to become interested in the hospital. The doors are open to the public any afternoon throughout the year and we welcome your visits, advice and counsel. If you are a citizen of Detroit, it is your hospital, even though you do not have a hand in its management or contribute to its several lines of charity work.

We solicit subscriptions for any department of our work. We can arrange for you to assist directly in one of the social departments of the hospital if you will indicate your willingness to be identified with some of our charities. The names of the trustees, officers and contributors are sufficient warrant for the wise use of all funds that may be contributed.



THE GRACE HOSPITAL

Thirty-second Annual Report

of

THE GRACE HOSPITAL

INCORPORATED NOVEMBER 28, 1888
OPENED FOR THE RECEPTION OF
PATIENTS, DECEMBER 6, 1888

REPORTS CLOSE WITH CALENDAR
YEAR DECEMBER 31, 1920

DETROIT, MICHIGAN

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YOU CAN HELP
THE GRACE HOSPITAL

BY

1. Contributing to General Endowment Funds. (See Page 21).

2. Contributing Funds for a Laboratory and Research Department. (See Page 52).

3. Contributing Funds for a New Out-Patient Building. (See Page 35).

4. Contributing to the Social Service Fund for the Purchase of Supplies for the Indigent Sick.

5. Contributing to the Medical Library Fund.

6. Contributing to the Training School Endowment Fund, to be Used in Securing Additional Advantages for the Nurses.

7. Pledging $10.00 to $100.00 per year to a Cancer Research Fund.

8. Paying $850.00 a Year, Which Provides the Continuous Use of a Free Bed for the Sick Poor, Including Nursing, Medical Attendance and Board.

9. Making Provision in Your Will for a Bequest to the General Endowment Funds.

10. Contributing Sheets, Pillow Cases, Blankets, Dressing Gowns, Etc.

11. Contributing Fruit, Jellies or Other Supplies.

12. Contributing Flowers or Plants to Convalescent Sick.

13. Contributing Magazines and Story Books for Children.

THE YEAR'S WORK

1920

PATIENTS TREATED IN ALL DEPARTMENTS	25,629
PATIENTS TREATED IN WARDS AND ROOMS, MAIN HOSPITAL	7,791
PATIENTS TREATED IN MIRIAM MEMORIAL BRANCH	1,284
PATIENTS TREATED IN EMERGENCY DEPARTMENT	1,239
VISITS TO OUT-PATIENT DEPARTMENT	15,315
AVERAGE NUMBER OF PATIENTS PER DAY IN ALL DEPARTMENTS	272

FACTS OF INTEREST

1888	November 28th, Hospital Incorporated.
	December 6th, Hospital Opened for Reception of Patients.
1889	General Endowment Fund Contributed—$100,000.00.
	Free Dispensary Established.
1890	General Endowment Fund Contributed—$200,000.00.
1891	First Class of Nurses Graduated.
1899	Nurses' Home Constructed.
1906	The Grace Hospital Polyclinic Opened.
1908	Course (Post-Graduate) in Hospital Economics, Administration and Institutional Nursing Established (November).
	Purchase of Additional Frontage—Nurses' Home Lot.
1910	New Surgical Addition Completed and Operating Rooms Opened.
	New Addition to Nurses' Home.
1911	Brush Street Lot Leased from City.
1912	Ellen Tefft Barbour Infant Ward Opened.
1913	Miriam Memorial Branch Given to the Hospital. (Opened January 1st, 1914).
	Social Service Department Inaugurated.
	Newberry Room for Graduate Nurses Endowed.
1914	Oscar LeSeure Medical Library Established.
1914–15	Surgical Pavilion Built at Miriam Memorial Branch.
1915	Second Addition to the Nurses' Home.
1916	Remodeling Main Building Front Entrance and Offices.
1916–17	X-Ray Addition Constructed.
	New Children's Ward Constructed.
1917–18	Hospital Officers, Staff Physicians, Nurses and Employes Commissioned or Enlisted in the Service of the Government for the World War.
1919-20	New North Wing Addition Main Hospital.
	Nurses' Home at Miriam Memorial Branch.

BOARD OF TRUSTEES

1920

Regular Meetings Third Thursday of Each Month

Officers

Wm. T. Barbour, *President*

Hon. Truman H. Newberry, *First Vice President*

D. M. Ferry, Jr., *Second Vice President*

J. Thayer McMillan, *Treasurer*

Francis Palms, *Secretary*

Henry E. Bodman

Ralph H. Booth

M. T. Conklin

Chas. A. Dean

D. Dwight Douglas

James S. Holden

Henry B. Joy

Henry M. Leland

Francis McMath

Phelps Newberry

John S. Newberry

John W. Staley

L. S. Trowbridge

COMMITTEES OF THE BOARD OF TRUSTEES

1920

Executive Committee

Wm. T. Barbour, *Chairman*

D. M. Ferry, Jr.
Ralph H. Booth
John S. Newberry
H. B. Joy
L. S. Trowbridge

Finance Committee

James S. Holden, *Chairman*

T. H. Newberry
Charles A. Dean
Francis McMath
J. T. McMillan
D. D. Douglas

Auditing Committee

Henry E. Bodman, *Chairman*

Charles A. Dean
M. T. Conklin

Training School Committee

H. B. Joy, *Chairman*

L. S. Trowbridge
Francis Palms

Committee on Free Beds and Donations

Henry M. Leland, *Chairman*

Francis Palms
John S. Newberry
M. T. Conklin

Property and Real Estate Committee

D. M. Ferry, Jr., *Chairman*

J. S. Holden
Ralph H. Booth
D. D. Douglas
W. L. Babcock, *Superintendent*

BOARD OF LADY MANAGERS

1920

Officers

Mrs. Henry B. Joy, *President*

Mrs. J. C. Smith, Jr., *First Vice President*

Mrs. W. T. Barbour, *Second Vice President*

Mrs. Philip H. McMillan, *Treasurer*

Mrs. LaFayette Crowley, *Secretary*

Mrs. H. N. Atterbury

Mrs. Kate M. Baker

Mrs. Ransom Gillis

Mrs. F. D. C. Hinchman

Mrs. J. Thayer McMillan

Mrs. Grace Moffat

Mrs. J. S. Newberry

Mrs. T. H. Newberry

Mrs. Chas. A. Strelinger

Miss M. E. Taylor

Mrs. A. E. F. White

OFFICERS

1920

Superintendent—
Warren L. Babcock, M. D.

Assistant Superintendent—
E. F. Collins, M. D.

Resident Physician—
J. T. Lyston, M. D.

Anesthetist—
Myra E. Babcock, M. D.

Auditor—
Herman H. Lippelmân, Jr.

Cashiers—
A. B. Thompson
Wm. T. Middleton

Principal Training School—
Miss Lauria G. Meader, R. N.

Assistant Principal of Training School—
Miss Jean Cochrane, R. N.

Instructor—
Miss Janette Still, R. N.

Matron—
Miss Caroline S. Gregory, R. N.

Pharmacist—
G. Hawkens

Steward—
Theodore Kerner

THE MIRIAM MEMORIAL BRANCH

Supervisor—
Miss Elloree McKinley, R. N.

Steward—
S. R. Kinner

THE MEDICAL STAFF

1920

Officers

S. H. Knight, A. M., M. D., *President*

Harold Wilson, M. D., *Vice President*

Charles S. Kennedy, M. D., *Secretary*

R. M. Richards, M. D., *Treasurer*

Executive Committee

S. H. Knight, A. M., M. D., *Chairman*

Harold Wilson, M. D., *Secretary*

H. W. Plaggemeyer, M. D.

W. L. Babcock, M. D.

R. J. Palmer, M. D.

J. T. Watkins, M. D.

E. F. Collins, M. D.

Emeritus Consultants

J. M. Griffin, M. D.

M. J. Spranger, M. D.

D. A. MacLachlan, M. D.

B. H. Lawson, M. D.

Consulting Staff

Oscar LeSeure, M. D., *Division of General Surgery*

J. B. Kennedy, M. D., *Division of General Surgery*

E. J. Kendall, M. D., *Division of General Medicine*

Geo. G. Caron, M. D., *Division of General Medicine*
Advisory Member Executive Committee

W. H. Price, M. D., *Division of Contagious Diseases and Sanitation*

H. B. Drake, M. D., *Division of Pediatrics*

W. A. Giffen, D. D. S., *Division of Orthodontal Surgery*

DIVISION OF GENERAL SURGERY

S. H. Knight, A. M., M. D., *Division Chief*

S. H. Knight, A. M., M. D., *Attending Surgeon*
H. W. Hewitt, M. D., *Attending Surgeon*
E. C. Hoff, M. D., *Attending Surgeon*
F. A. Kelly, M. D., *Attending Surgeon*
Robert J. Palmer, M. D., *Attending Surgeon*
George P. Myers, M. D., *Associate Surgeon*
H. K. Shawan, A. B., M. D., *Associate Surgeon*
Charles Kennedy, B. S., M. D., *Associate Surgeon*
W. L. Hartman, M. D., *Associate Surgeon*
J. H. Boulter, M. D., *Associate Surgeon*

DIVISION OF GENERAL MEDICINE

John T. Watkins, M. D., *Division Chief*

John T. Watkins, M. D., *Attending Physician*
Stuart Wilson, M. D., *Attending Physician*
L. F. C. Wendt, M. D., *Attending Physician*
H. G. Bevington, M. D., *Associate Physician*

Dermatology

R. H. Stevens, M. D., *Attending Dermatologist*

Pediatrics

T. B. Cooley, M. D., *Attending Pediatrician*
E. W. May, M. D., *Associate Pediatrician*

Neurology

D. M. King, M. D., *Attending Neurologist*
R. L. Clark, M. D., *Attending Neurologist*

Gastro-Enterology

C. E. Vreeland, M. D., *Attending Gastro-Enterologist*

DIVISION OF SPECIAL SURGERY

Harold Wilson, M. D., *Division Chief*

Gynecology

J. I. Murray, M. D., *Attending Gynecologist*
H. A. Hagerty, M. D., *Attending Gynecologist*
Bruce Anderson, M. D., *Attending Gynecologist*
C. C. Wright, M. D., *Associate Gynecologist*
H. A. Shafor, M. D., *Associate Gynecologist*
W. G. Paterson, M. D., *Associate Gynecologist*

Obstetrics

R. Milton Richards, M. D., *Attending Obstetrician*
James B. Hodge, M. D., *Associate Obstetrician*
Myra Babcock, M. D., *Associate Obstetrician*
M. A. Darling, M. D., *Associate Obstetrician*

Ophthalmology and Oto-Laryngology

Harold Wilson, M. D., *Ophthalmologist and Oto-Laryngologist*
Neil Bentley, M. D., *Associate Ophthalmologist and Oto-Laryngologist*
Carl C. McClelland, M. D., *Associate Ophthalmologist and Oto-Laryngologist*
J. E. Gleason, M. D., *Associate Ophthalmologist and Oto-Laryngologist*
F. B. McMullen, M. D., *Associate Ophthalmologist and Oto-Laryngologist*

Urology

H. W. Plaggemeyer, M. D., *Attending Urologist*

Proctology

John Van Hee, M. D., *Attending Proctologist*
J. A. McVeigh, M. D., *Attending Proctologist*

Orthopedics

C. L. Storey, M. D., *Attending Orthopedist, Acting Division Chief*
W. E. Blodgett, M. D., *Attending Orthopedist*

DEPARTMENT OF SPECIAL THERAPY AND RESEARCH

Radiography

R. H. Stevens, M. D., *Roentgenologist*

H. P. Doub, M. D., *Assistant Roentgenologist*

Pathology and Bacteriology

Carl R. Meloy, A. M., M. D., *Director*

Auxiliary Attending Staff

George R. Andrews, M. D.
J. L. Asselin, M. D.
D. E. Binning, M. D.
G. M. Canfield, M. D.
E. W. Caster, M. D.
L. C. M. Conley, M. D.
W. H. Diebel, M. D.
F. N. Dolman, M. D.
A. Fellman, M. D.
E. H. Hanna, M. D.
C. A. Hammer, M. D.
Howard Havers, M. D.
A. B. Henderson, M. D.
W. L. Hulse, M. D.
George W. Irvine, M. D.
H. H. James, M. D.
R. K. Johnson, M. D.
W. Y. Kennedy, M. D.
H. E. Knight, M. D.
J. O. Kopel, M. D.
Paul Lippold, M. D.
W. J. Lovering, M. D.
W. W. McGregor, M. D.
L. A. Murray, M. D.
H. L. Morris, M. D.
B. D. Parker, M. D.
F. R. Reed, M. D.
A. H. Seibert, M. D.
A. R. Smeck, M. D.
Frank Suggs, M. D.

E. J. Tamblyn, M. D.

MIRIAM MEMORIAL BRANCH

Attending Staff

Medicine—
L. F. C. Wendt, M. D.
G. B. Hoops, M. D.
Geo. C. Duggan, M. D.
R. E. Loucks, M. D.

Ophthalmology and Oto-Laryngology—
E. J. Bernstein, M. D.

Obstetrics—
G. L. Koessler, M. D.
B. L. Bryant, M. D.

Neurology—
Dale M. King, M. D.
R. L. Clark, M. D.

Surgery—
Geo. H. Palmerlee, M. D.
H. K. Shawan, A. B., M. D.

Auxiliary Staff

P. R. Powell, M. D.
R. J. McClellan, M. D.
J. E. Maunders, M. D.

THE GRACE HOSPITAL POLYCLINIC

1920

Board of Directors

W. L. Babcock, M. D., *Chairman*

T. B. Cooley, M. D.
E. F. Collins, M. D.
M. A. Darling, M. D.
H. W. Plaggemeyer, M. D.
Harold Wilson, M. D.
H. K. Shawan, M. D.
Stuart Wilson, M. D.
R. H. Stevens, M. D.
C. E. Vreeland, M. D.
C. L. Storey, M. D.

Consulting Staff

Surgery—
J. B. Kennedy, M. D.
S. H. Knight, A. M., M. D.
R. J. Palmer, M. D.

Medicine—
F. J. Clippert, M. D.

Ophthalmology and Oto-Laryngology—
J. E. Gleason, M. D.
Harold Wilson, M. D.

Mental and Nervous Diseases—
W. L. Babcock, M. D.

Attending Staff

Harold Wilson, M. D., *Chief of Staff*

General Surgery—
H. K. Shawan, M. D., *Chief*
L. A. Murray, M. D.
C. H. Belknap, M. D.
Victor Droock, M. D.
R. R. Goldstone, M. D.
Wm. R. Olmsted, M. D.
Chas. Root, M. D.
Gerald Wilson, M. D.

Gynecology—
Bruce Anderson, M. D.
Bessie Coffin, M. D.
R. H. Bookmeyer, M. D.
M. A. Darling, M. D.
F. W. Gottschalk, M. D.
F. T. McCormick, M. D.
O. W. Picard, M. D.
Susanne Sanderson, M. D.

Pediatrics—
T. B. Cooley, M. D., *Chief*
C. C. Cole, M. D.
E. W. May, M. D.
A. L. Chapman, M. D.

Medicine—
Stuart Wilson, M. D., *Chief*
B. H. Glenn, M. D.
J. G. Israel, M. D.
M. V. Meddaugh, M. D.
A. J. Newman, M. D.
C. A.Paull, M. D.
Wm. G. Schlegelmilch, M. D.
F. A. Weiser, M. D.
D. H. Weingarden, M. D.

Eye, Ear, Nose and Throat—
Neil Bentley, M. D.
A. W. Erkfitz, M. D.
Wm. Fowler, M. D.
R. S. Goux, M. D.
Voss Harrell, M. D.
F. L. Johnson, M. D.
W. Monfort, M. D.
F. H. Newberry, M. D.
F. T. Munson, M. D.
J. M. Sutherland, M. D.
C. B. Stover, M. D.
E. C. Watson, M. D.

THE GRACE HOSPITAL POLYCLINIC—(Continued)

Dermatology—
R. H. Stevens, M. D., *Chief*
R. S. Taylor, M. D.
A. E. Schiller, M. D., *Assistant*

Obstetrical and Prenatal Work—
M. A. Darling, D.D.S., M. D., *Chief*
Myra E. Babcock, M. D.
M. G. Goff, M. D.
Bessie Collin, M. D.

Nervous and Mental Diseases—
Dale M. King, M. D.
R. L. Clark, M. D.

Tuberculosis—
H. J. Stephens, M. D.

Orthopedics—
C. L. Storey, M. D., *Chief.*
L. B. Cowen, M. D.
S. H. Brown, M. D.
B. H. Vollertsen, M. D.

Pathology—
Carl R. Meloy, A. M., M. D.

Urology—
H. W. Plaggemeyer, A. B., M. D., *Chief*
G. C. Burr, M. D., *Assistant*
L. W. Hull, M. D., *Assistant*

Gastor-Enterology—
C. E. Vreeland, M. D., *Chief*
E. H. Sichler, M. D.
L. Kaminski, M. D., *Assistant*

Dental Department

Consulting Staff

W. A. Giffen, D. D. S.
C. H. Oakman, M. D., D. D. S.
Geo. F. Burke, D. D. S.
E. O. Gillespie, D. D. S.

Attending Staff

A. C. Thompson, D. D. S.
W. A. Cook, D. D. S.
Signe Hammaleinan, D. D. S.
E. Teetsel, D. D. S.
R. J. Fair, D. D. S.

RESIDENT HOUSE STAFF

1920

C. GOODSON, M. D.
House Surgeon—January 1, 1920, to March 1, 1920.
House Physician—September 1, 1919, to November 1, 1919.

A. T. STERNBERG, M. D.
House Surgeon—January 1, 1920, to March 1, 1920.
House Physician—November 1, 1919, to January 1, 1920.

E. K. SIMPSON, M. D.
House Surgeon—March 1, 1920, to May 1, 1920.
House Physician—January 1, 1920, to April 1, 1920.

PERRY BLACK, M. D.
House Surgeon—May 1, 1920, to August 1, 1920.
House Physician—January 1, 1920, to April 1, 1920.

J. J. BLUE, M. D.
House Physician—May 1, 1920, to August 1, 1920.
House Surgeon—August 1, 1920, to November 1, 1920.

H. J. BENNETT, M. D.
House Surgeon—November 1, 1920, to January 1, 1921.
House Physician—September 1, 1920, to November 1, 1920.

H. B. STEINBACH, M. D.
House Surgeon—December 1, 1920, to January 1, 1921.
House Physician—October 1, 1920, to December 1, 1920.

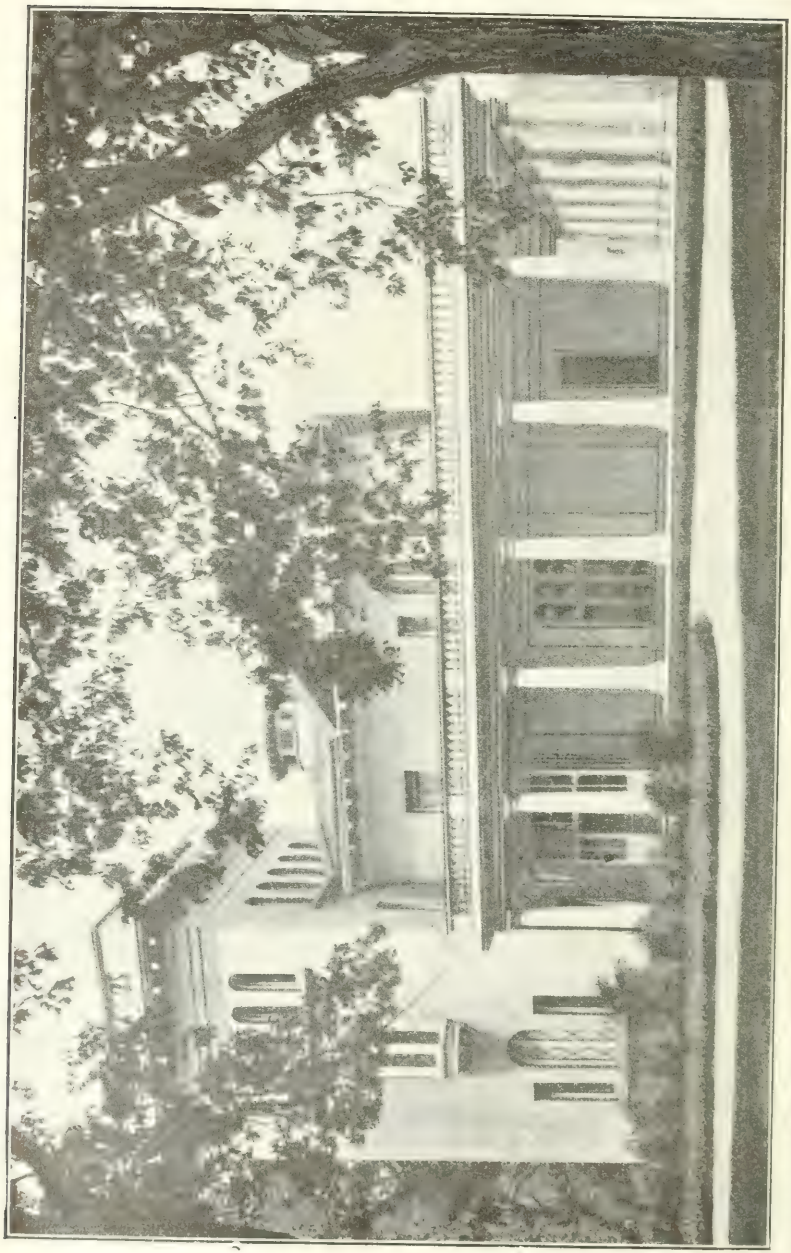
ROBERT ELVIDGE, M. D.
House Surgeon—October 1, 1920, to November 1, 1920.
House Physician—November 18, 1920, to December 31, 1920.

RAYMOND ROGERS, M. D.
House Physician—November 1, 1920, to December 31, 1920.

The above Senior Residents served as House Gynecologists, House Obstetricians and Junior Internes prior to their service in the medical and surgical divisions.

JUNIOR INTERNES

G. F. Moore
Isadore Siwka
R. Kriz
Gentok Nokai
Julius Jaffe
N. E. Lavely
E. D. McKenzie
H. G. McLean
B. O. Goodrich
H. A. Wellman



MIRIAM MEMORIAL BRANCH

261-283 West Grand Boulevard

SUBSCRIBERS TO GENERAL ENDOWMENT FUNDS

1888

Endowment Fund No. 1

James McMillan	$50,000.00	
John S. Newberry	50,000.00	
		$100,000.00

1890

Endowment Fund No. 2

Helen H. Newberry	$50,000.00	
James McMillan	50,000.00	
Dexter M. Ferry	50,000.00	
H. Kirke White	10,000.00	
Martin S. Smith	10,000.00	
Wm. C. McMillan	10,000.00	
Thomas Ferguson	5,000.00	
Truman H. Newberry	2,333.34	
John S. Newberry	2,333.33	
Helen Hall Newberry	2,333.33	
Ransom Gillis	1,000.00	
H. A. Newland	1,000.00	
A. E. F. White	1,000.00	
E. S. Barbour	1,000.00	
J. B. Mulliken	1,000.00	
Amos Chaffee	1,000.00	
Mrs. Redman, 1890	500.00	
Alanson Sheley, 1893	500.00	
E. H. Flinn, 1912	5,000.00	
Mary McMillan, 1919	5,000.00	
Philip H. McMillan, 1920	10,000.00	
		$319,000.00
Amos Chaffee, 1888, Real Estate (estimated)	$51,056.71	

ENDOWED ROOMS AND BEDS

Mrs. E. T. Barbour, 1901 — Room 230, Corridor F

To be known as the Tefft Memorial Room in memory of her father. Candidates for this room to be nominated by the donor or her heirs.

Ladies of the Modern Maccabees of Michigan

Bed in Women's Surgical Ward

For the free use of the members of the Order of the Ladies of the Modern Maccabees of Michigan.

Mrs. Delia Hanmer, 1908 — Room 239, Corridor F

For the free use of singers and musicians of Detroit.

Mr. M. T. Conklin, 1910 — Operating Room No. 1

In memory of his mother, Harriet V. Conklin.

Mrs. M. T. Conklin, 1910 — Operating Room No. 2

In memory of her parents, Henry and Lucinda Salisbury Smith.

Ladies of the Maccabees of the World, 1912—Bed in Women's Surgical Ward

For the free use of members of the Order of the Ladies of the Maccabees of the World.

Mrs. Helen H. Newberry, 1913
Truman H. Newberry, 1913
John S. Newberry, 1913
Mrs. Henry B. Joy
} Room 201

For the free use of graduates of The Grace Hospital Training School for Nurses.

Miss Elizabeth P. Kirby, 1919—Room 403

To be known as the George Kirby Room.

ROOMS IN PRIVATE SUITE FURNISHED BY FRIENDS OF THE HOSPITAL

Corridor F

Room (229) The Caroline B. Stanton Memorial Room (Mrs. J. S. Newberry)
Room (230) The Tefft Memorial Room (Mrs. E. T. Barbour)
Room (231) Eber W. Cottrell
Room (232) Clara Boyer
Room (233) Mrs. DeWitt H. Taylor
Room (234) Ladies of the Fort Street Presbyterian Church
Room (235) Mrs. Chas. E. Holland
Room (236) The Ohio Society of Detroit
Room (237) The Colburn Memorial Room (Mrs. W. C. Colburn)
Room (238) Mrs. H. B. Joy
Room (239) The Hanmer Room for Musicians (Mrs. Delia Hanmer)
Room (240) Elijah H. Drake, M. D. (Dr. H. B. Drake)
Room (241) Mrs. Ransom Gillis
Room (242) Memorial to Anna M. C. Wetmore (Miss Blanche and Mr. E. C. Wetmore)

WARDS AND OPERATING ROOMS FURNISHED BY FRIENDS OF THE HOSPITAL

Corridor E

Ward (10) The Frederick Buhl Memorial Ward.
Ward (12) The Elisha H. Flinn Memorial Ward.
Ward (14) Mrs. Philip McMillan.
Ward (16) Mrs. Geo. M. Black.
Ward (18) Mrs. Alfred O. Dunk.

Corridor G

Operating Room No. 1—In memory of Harriet V. Conklin.
(Furnished and endowed by M. T. Conklin)

Operating Room No. 2—In memory of Henry and Lucinda Smith.
(Furnished and endowed by Mrs. M. T. Conklin)

SPECIAL BEQUESTS AND GIFTS

Mr. Newell Avery, 1893 ..... $ 1,000.00

Mr. Eldridge M. Fowler, 1904 ..... 10,000.00
Special bequest, the income of which is to be devoted to the "education and equipment of nurses."

Mrs. E. L. Ford, 1907 ..... 100.00
Gift to the Training School for Nurses.

Mrs. Helen H. Newberry, 1907 ..... 285.75
For redecorating parts of Nurses' Home.

Mrs. Delia Hanmer, 1908 ..... 7,250.00
Bequest for the endowment of a room for the hospital care of sick indigent singers and musicians of Detroit.

Mrs. Helen H. Newberry, 1909 ..... 20,000.00
Voluntary payment of all outstanding obligations contracted by the Hospital in the erection of the Helen Newberry Nurses' Home.

Mr. Levi Grandy, 1910 ..... 1,500.00
Special bequest to Building Fund.

Mr. Henry B. Joy, 1911 ..... 450.00
Contribution to cover cost of new elevator machinery.

Mrs. E. T. Barbour, 1912 ..... 3,000.00
Bequest as an endowment fund, the income of which shall be devoted to the maintenance of the Tefft Memorial Room.

Mr. W. T. Barbour, 1912 ..... 1,000.00
Contribution for the equipment and furnishing of an infant ward, to be known as the Ellen Tefft Barbour Infant Ward, in memory of his mother.

Mrs. A. C. Woodbridge, 1912 ..... 250.00
Contribution for the purchase of equipment and furnishings for a Photographic Laboratory.

Mrs. Ellen R. Leland, 1912 ..... 206.07
Contribution for the purchase of a Nitrous Oxide Anesthetic Apparatus.

Mrs. E. M. Holland, 1912 ..... 125.00
Special contribution for the equipment and furnishing of a Lying-in Room.

Mr. Truman H. Newberry, 1912 ..... 1,222.97
Special contribution for new floors and equipment for Wards Nos. 1 and 11.

Mrs. E. W. McGookin, 1913 ..... 190.00
Contribution for the purchase of sterilizers for the Lying in Department.

Mrs. Helen Handy Newberry, 1913 ..... 5,000.00
A bequest, the income of which is to be devoted to the maintenance of the Helen Newberry Nurses' Home.

Mrs. Helen Handy Newberry, 1913 ..... 10,000.00
A bequest toward the endowment of a room for the free use of the graduates of The Grace Hospital Training School for Nurses.

Mr. Truman H. Newberry
Mr. John S. Newberry } 1913 ..... 10,000.00
Mrs. Helen Hall Joy

Contribution td complete the endowment of a room for the free use of the graduates of The Grace Hospital Training School for Nurses.

Board of Lady Managers of The Grace Hospital, 1913-1914 ..... 325.00
In partial payment of the salary of the Hospital Social Service Director.

Mr. Henry M. Leland, 1913-14-15-16 ..... 450.00
Contributions to Social Service Fund.

Mr. W. T. Barbour, 1913-14-15 ..... 350.00
Contribution to Social Service Fund.

Mr. H. B. Joy, 1914 ..... 540.00
Contributions for X-Ray Appliances.

Mrs. H. B. Joy, 1914 ..... 2,035.96
For redecoration of Nurses' Home.

Mr. Truman H. Newberry
Mr. John S. Newberry
Mr. H. B. Joy
Mr. Dexter M. Ferry } 1915 ..... 1,037.50
Mr. Philip H. McMillan
Mr. W. T. Barbour

Contributions to Fund toward purchase of gasoline ambulance.

Mr. Fred M. Butzel, 1916 ..... 100.00
Contribution to Children's Ward Fund.

Mrs. S. A. Monroe, 1916 ..... 2.00
Contribution to Obstetric Department.

Mr. H. L. Jenness, 1916 ..... 25.00
For X-Ray Treatment of a Special Patient.

Mr. Howard D. Glenn, 1916 ..... 125.00
Contribution to Social Service Fund.

Mr. Wm. F. Barr, 1916 ..... 25.00
Contribution to Social Service Fund.

Mr. H. M. Leland
Mr. W. C. Leland } 1916 ..... 2,000.00
Mrs. Gertrude Woodbridge

Mr. Truman H. Newberry, 1916 ..... 200.00
Mr. John S. Newberry, 1916 ..... 200.00
Mr. D. M. Ferry, Jr., 1916 ..... 200.00
Mr. W. T. Barbour, 1916 ..... 200.00
Mrs. G. O. Robinson, 1916 ..... 200.00
Miss E. P. Kirby, 1916 ..... 200.00
Mr. Jas. S. Holden, 1916 ..... 100.00
Mr. Philip H. McMillan, 1916 ..... 200.00
Dr. R. J. Palmer, 1916 ..... 100.00
Mr. H. B. Joy, 1916 ..... 500.00
Mr. Jas. H. Flynn, 1916 ..... 50.00
Mr. W. P. Stevens, 1917 ..... 25.00

Contributions to X-Ray Equipment Fund.

Mr. Charles R. Dunn, 1918 ..... 250.00
Contribution to Furnish Room 401, Corridor D; in memory of Mrs. Ethel Stark Dunn, his wife.

Miss Elizabeth P. Kirby, 1919 ..... 25,000.00
Bequest as an endowment, Room 403.

Miss Elizabeth P. Kirby, 1919 ..... 2,000.00
Bequest, the income from which is to be devoted to maintenance of Rooms 402 and 403.

Mr. Samuel A. Knight, 1919 ..... 500.00
As a contribution to the Blood Transfusion Fund in memory of his wife, Carolyn Giles Knight.

Mr. Kenneth Anderson, 1920 ..... 50.00
To Special Building Fund.

The Grace Hospital Attending Staff, 1920 ..... 3,885.00
For Operating Room equipment.

A PRIVATE ROOM

REAL ESTATE AND PROPERTY ACCOUNT

1888	Cost of construction main building hospital	$124,890.44
1888	Cost of equipment and furnishings for same	15,917.85
1888	Hospital and Nurses' Home real estate (estimated)	51,056.71
1899	Cost of construction and equipment main building Nurses' Home	27,911.81
1910	Cost of construction and equipment, new addition to hospital	113,736.36
1910	Cost of construction and equipment, new addition Nurses' Home	17,835.84
1913	Miriam Memorial Branch gift, real estate and buildings	20,000.00
1914	Cost of construction and equipment, Employes' Building	45,220.27
1914–15	Cost of construction and equipment—Operating Pavilion, Miriam Memorial Branch	2,647.52
1915–16	Cost of construction, west addition Nurses' Home	3,494.76
1916–17	Cost of construction and equipment—X-Ray Addition	7,060.44
1916–17	Cost of construction and equipment—Children's Ward	7,379.98
1919–20	Expenditures account construction of North Wing Building	72,071.02
1919–20	Expenditures account construction of Nurses' Home—Miriam Memorial Branch	59,498.77
		$568,721.77

LAWN AND GROUNDS — WEST BRANCH

VERANDA — WEST BRANCH

ENDOWMENTS AND ANNUITIES

$25,000 endows a private room and permits the donor to name the occupant of the bed.

$12,500 endows a ward bed and permits the donor to name the occupant of the bed.

$850 will pay the expenses of a patient or patients in a ward bed for one year, and permits the donor to name the occupant of the bed.

$750 will decorate and furnish a private room. The donor's name or the name of another, as a memorial, can appear on a tablet on the door of such room.

$500 will completely furnish a private room. The donor's name, or the name of another, as a memorial, can appear on a tablet on the door of such room.

$225 per quarter, or $850 per annum, will provide the continuous free use of a ward bed for patients, including nursing, meals, hospital care, etc.

FORM OF BEQUEST

I give and bequeath to The Grace Hospital, in the City of Detroit, the sum of.....to be applied to the use and benefit of said Hospital for the purpose of..... .....under the direction of its Board of Trustees.

Date.....

Signed.....

SUPERINTENDENT'S REPORT

Detroit, Mich., December 31, 1920.

To the Board of Trustees, The Grace Hospital:

Gentlemen:—I have the honor to submit herewith the report of the Hospital for the twelve months ending December 31, 1920:

Number of patients remaining in main hospital Dec. 31, 1919	210
Number of patients remaining in Miriam Memorial Branch Dec. 31, 1919	45
Admitted to the main hospital during 1920	7,581
Admitted to the Miriam Memorial Branch during 1920	1,239
Admitted to the Emergency Department during 1920	1,239
Total admitted to all departments during 1920	10,059
Total treated during 1920	10,357
Total number of admissions to all Departments of Polyclinic	15,287
Number of days' treatment of patients in main hospital	86,023
Number of days' treatment of patients in Miriam Memorial Branch	15,019
Total number of days' treatment of patients	101,042
Number of patients admitted and treated without charge (9.4 per cent of total number)	849
Number of days' treatment of patients in hospital free of charge (8 per cent of the total number of days)	13,067
Total days' maintenance of patients and employes	216,016
Number of ambulance calls	2,718
Daily average number of patients in main hospital, 1920	231
Daily average number of patients in Miriam Memorial Branch, 1920	41
Total daily average for both institutions, 1920	272
Average length of treatment of each patient, days	11.03
Cost of maintenance per patient per day	$4.46

ANNUAL REPORT

The year 1920 has witnessed much material progress and reconstruction in our work. The disorganization of personnel as a result of the war has been largely neutralized by the employment of trained workers and the return to duty of physicians and nurses. Since the armistice a complete reorganization of nearly all of the departments of the hospital has been carried out.

Post-War Reorganization

The new construction which was started late in 1919, has continued during the past year. The Nurses' Home at the Miriam Memorial Branch, after many unavoidable delays, was completed on August 15th, 1920, and occupied by the supervisors and pupil nurses on duty. A section of the building was constructed as an independent unit for domestic employees. In addition, to the heating plant, the basement was constructed to house the hospital laundry. New equipment was purchased and installed, and the old laundry in the hospital basement was dismantled. The work of the Branch had long outgrown the old laundry. We now have a small modern laundry with opportunities for expansion, capable of meeting our needs at the Branch for many years to come. In connection with this construction, new water mains were laid in the hospital grounds, and connected with the city mains, thus insuring an ample supply to both the Branch Hospital and Nurses' Home.

New Construction

Reconstruction of the north wing, which started late in 1919, also continued with some interruptions. It was carried out under many difficulties, owing to the necessity of using the main kitchen while the work was in progress. This fire-proof wing has been needed for many years, in order to provide additional kitchen capacity and more dining rooms for nurses. The section of the old building, of which it is an extension, was torn out and only the brick walls utilized in the new fire-proof structure. The nurses' cafeteria dining service installed on the first floor is a model of its kind, designed to feed 400 people at each meal. The entire equipment is new, and is calculated to insure the highest degree of sanitation and economy in use. New kitchen equipment, costing upwards of $12,000.00, was installed in the main kitchens. The dining room was opened for use on January 1st, 1921. A complete ward Maternity service with sixteen beds, including two confinement rooms, was installed on the second floor. This splendid modern Maternity suite fills a long-felt want in our hospital service. The third floor was constructed as a Urological unit for the service of Dr. H. W. Plaggemeyer, and is complete with operating rooms, sterilizing rooms, laboratory, ward and room accommodations for seventeen patients. This Urological unit is perhaps

unique and as far as known, has no duplicate in the Central West. Herein will be provided everything necessary to the scientific and modern methods of diagnosis and treatment in this specialty. A roof garden on the level of the fourth floor completes this new construction.

This handsome addition to our property was completed at a cost of approximately $85,000.00, without equipment, and increases the capacity of the hospital by nineteen beds, bringing the total capacity of the main Hospital and West Side Branch to 351 beds, divided as follows:

Part pay Beds (Wards)	270
Semi-Private Rooms	30
Private Rooms	51
	351

Our plan of development for several years has listed in the order of their necessity the buildings necessary for the expansion and growth of the hospital.

As noted above, we have disposed of the first two items on this list in the construction of the Nurses' Home at the West Side Branch, and the north wing addition to the main hospital, which includes the new kitchens and dining rooms.

The remaining items in our development plan in the order of their urgency are reprinted here from last year's report:

1. A four-story Laboratory and Out-Patient Pavillion on Willis Avenue E. $300,000.00
2. Unit "A" of the Development Plan, Private Patients' Pavillion 350,000.00
3. A new wing to the Nurses' Home 75,000.00
4. A new wing to the Employees' Home 50,000.00
5. An East Side Branch in the neighborhood of Fairview Village and the motor car plants 300,000.00

The urgent need of the first item on the list is well known to your board and the Attending Medical Staff. We are seriously handicapped for space, both in our Laboratory and Out-Patient Departments. Detroit is seriously lacking in dispensary facilities. This hospital is the second in size in a city of one million inhabitants. The responsibility for increased Out-Patient facilities is a community obligation. It is, however, the responsibility of the Board and the friends of the hospital to direct and organize the publicity and efforts toward providing this community need.

During the latter part of the year, an increased number of beds were unoccupied, owing to the industrial depression. This was especially true of ward beds, of which the hospital has a disproportionate number in relation to private rooms. The demand for private rooms has been greater throughout the entire year than the hospital has been able to provide. The removal of City and

County cases from the hospital to the newly constructed City Receiving Hospital has also left vacant a few ward beds that have heretofore been regularly occupied in varying numbers by these patients. It is anticipated that need for every bed will be manifest during the coming winter months. The removal of City patients has necessitated a readjustment in order to provide the necessary clinical and teaching material for the teachers of the Detroit College of Medicine. It is anticipated that the endowment funds of the hospital will be strained to their utmost in order to provide sufficient hospital care to meet the requirements of patients from the Out-Patient Department. Heretofore a part of this expense has been met by the City.

The opportunities for diagnosis in group medicine have been augmented by the addition to the Medical service of an examining room. Near the close of the year, a metabolism apparatus was added to this equipment.

Professional Progress

The meetings of the attending medical staff conjointly with the auxiliary and polyclinic staffs have continued to sustain the clinical interest in the professional work of the hospital. It is believed that few hospital staffs have regularly as enthusiastic and large meetings. The attendance has varied from 65 to 97 per meeting. The average attendance for the year has been eighty per cent of the entire staff. These meetings are replete with discussions on professional and administrative subjects, as a part of a well prepared program. The meetings are followed by a light luncheon at 11 o'clock. A moving picture machine was added to the equipment of the staff meeting room during the year. Additional equipment comprises projectoscopes, stereoptican lantern, blackboards, charts, etc. Early in the year, the attending staff raised a fund of $3,885.00 for the re-equipment of the operating rooms. By means of this fund, all operating rooms have been equipped with Balfour tables and new furniture throughout. In addition, the hospital has provided two new machines for the administration of gas-oxygen, a total of five machines now being used. The administration of gas-oxygen for major operations formerly anesthetized with ether has increased slowly but progressively during the past few years, and during the latter part of 1920 gas anesthetics were administered in over fifty per cent of major operations.

Closed Vs. Open Hospitals

Owing to the recent discussion of this subject, a restatement of the hospital's position is desirable at this time. The policy of the hospital to serve all properly qualified physicians and surgeons, has been religiously carried out during the past years. In this connection, it

is to be pointed out, that a few physicians licensed by the state are not qualified for hospital practice. During the crowded season of the year, notably between January 1st, and June 15th, it has been difficult to provide beds for others than members of our staff. This was true throughout the "influenza" epidemic of 1919 and 1920. Young physicians and others who appear to be qualified, are admitted to practice in the hospital, under supervision, on first application, and as soon as their ability and practice conforms to the high standards established, they are permitted to take full responsibility for patients.

A number of the members of the Attending Staff continue to teach clinical medicine to the senior and junior students of the Detroit College of Medicine. During the year the following new appointments were confirmed by the Detroit Board of Education. These are additional to teaching chairs held by other members of the staff:

Dr. J. T. Watkins, *Associate Professor of Medicine*
Dr. C. E. Vreeland,
Associate Professor of Gastro-Enterology and Dietetics
Dr. Carl R. Meloy,
Associate Professor of Pathology and Bacteriology for the Grace Hospital
Dr. Charles S. Kennedy, *Assistant Professor of Surgery*
Dr. George H. Palmerlee, *Assistant Professor of Surgery*
Dr. L. F. C. Wendt, *Associate Professor of Medicine*
Dr. Geo. P. Myers, *Assistant Professor of Surgery*
Dr. Carl C. McClelland, *Assistant Professor of Ophthalmology*
Dr. Stuart Wilson, *Associate Professor of Medicine*
Dr. T. B. Cooley, *Associate Professor of Pediatrics*

The Detroit Community Union

The Detroit Community Union contributed to the maintenance expenses of the Out-Patient, Social Service and Occupational Therapy Departments to the extent of $18,802.80. The allotment of Community funds in the conduct of these departments has been the means of enabling the hospital to use the entire income from its endowment funds for free and part-pay patients. Without this assistance, the hospital, with its undue proportion of ward or part-pay patients (eighty per cent) would have been unable to continue the conduct of its Out-Patient Department from the regular income. The hospital received from the Community Union $47,500.00 as its pro rata share of the pledges of 1919 for capital expenditures. The failure of the campaign for capital expenditures and its subsequent abandonment was a serious blow to the proposed development plan of the hospital as outlined in last year's report.

Memorial Tablet

The memorial tablet presented to the hospital by the Board of Trustees was completed and erected in August, 1920. It occupies a conspicuous place in the main lobby and has attracted much attention. It is a fitting memorial to the officers, nurses and employes who served in the World War.

Miriam Memorial Branch

Our West Side Branch has continued to provide for the needs of the West Side to the extent of its capacity. Statistically, the amount of work carried out during 1920 corresponded very closely to the previous year. (See page 30). The completion of the Nurses' Home on the grounds of the Branch hospital, and its occupancy in August, 1920, was a source of great satisfaction. The successful operation of this branch, as a complete general hospital, covering a period of several years, has demonstrated the practicability of the maintenance and operation of Branch hospitals at a lower per diem, per capita cost than the main institution. This is possible because of the reduction of overhead for supervision and the utilization of laboratories and other departments of the main hospital.

Training School

The report of the Superintendent of the Training School will be found elsewhere. It was our good fortune to procure the services of Miss Lauria G. Meader, as Principal of the Training School, succeeding Miss Mabel Haggman, who resigned on July 1, 1920. The shortage of nurses, which presented a serious situation at this time last year, has been happily relieved, and the Principal now has a waiting list of highly qualified applicants. There were many factors which operated to bring about this increased interest in training schools, of which the change in the industrial situation was probably the most important. Our appeal to the medical profession and the alumni of the hospital to interest themselves in encouraging qualified young women to take up nursing, the elimination of non-essentials from the teaching course, and the shortening of the course to two and one-half years, were important local factors toward stimulating increased interest in professional nurse training. Attention is called to the report of the Principal elsewhere in this annual. The complete reorganization of the school as a post-war necessity could not be accomplished until late in the year. The improvement in the nursing service to patients, the fine spirit in the school, and the high quality of the probationers is deeply inspiring, and reflects much credit on our Principal. The teaching of certain didactic subjects in the Cass Technical High School has been the chief factor in enabling us to shorten the course to two and one-half years.

Social Service Department

The Social Service Department has exhibited its usual activity. During the latter part of 1920, its resources were severely taxed by the increased demand for assistance, caused by the industrial depression. Another assistant to the director has been employed, and the work of the department at the close of the year was in a high state of efficiency. Attention is called to Miss Moodie's report elsewhere in the annual. Miss Moodie, who gave highly efficient service, as head of this department for several years, resigned December 31, 1920. Mrs. Lola S. Bromley has been appointed to succeed her.

Out-Patient Department

The work of this department has increased during the year, and its further increase is limited only by the space available for out-patient work. As will be noted elsewhere, an increased number of patients have been admitted to the hospital from the Out-Patient Department. The extension of the hours of the clinic from 9:00 A. M. to 2:00 P. M. has enabled us to care for a larger number of applicants. The industrial depression during the latter part of the year especially, has thrown increased responsibility on this department. After a service of several years, Miss Georgina Reid resigned as Chief Supervisor, and was succeeded by Miss Olive Reynolds, who has maintained the efficient work carried out. The number of visits to the department increased from 14,230 to 15,287, an increase of 7.42 per cent.

Occupational Therapy Department

This department has developed in a wonderful manner under the inspiration and guidance of Miss Carter. The work turned out and the benefits accruing to convalescent patients, has attracted attention, not only locally but in several parts of the country. During the year a notable exhibit of its work was held in the City Hall, in conjunction with an exhibit of the Social Service Department. It is unnecessary to state that this exhibit brought to the attention of the public a new phase of our work, with which few people were familiar.

Resident Interne Service

The members of the Resident Staff of the hospital have given excellent service during the year. The course of instruction to the Residents has been amplified and scheduled to provide the requisite practical training demanded by the fifth interne year in several states requiring one year's hospital interneship prior to graduation. That the practical and scientific training accorded internes in the hospital is appreciated, is illustrated by the fact that the number of applicants for Resident Staff

service far exceeds the vacancies. The following schedule of demonstrations and lectures was given by attending members of the staff to internes during the year:

1. Treatment of Fractures and Dislocations.....Dr. Geo. P. Myers
2. The Acute Abdomen.....Dr. Chas. Kennedy
3. Affections of the Heart.....Dr. J. T. Watkins
4. Diagnosis Incipient T. B.....Dr. J. T. Watkins
5. Peptic Ulcer, Diagnosis and Complications.....Dr. C. E. Vreeland
6. Peptic Ulcer, Etiology, Pathology and Principles of Treatment.....Dr. C. E. Vreeland
7. Gastric Crises.....Dr. J. T. Watkins
8. Differential Diagnosis of Gastro-Intestinal Infections.....Dr. C. E. Vreeland
9. Examination of Child in the Home.....Dr. T. B. Cooley
10. Abortion and its Treatment.....Dr. H. W. Hewitt
11. Some Fundamentals in Practice.....Dr. J. B. Kennedy
12. Peripheral Nerve Surgery.....Dr. Chas. Kennedy
13. Development of the Prostrate Gland.....Dr. H. W. Plaggemeyer
14. Backache.....Dr. W. E. Blodgett
15. Problems of Obstruction.....Dr. H. W. Plaggemeyer
16. Flat Foot.....Dr. W. E. Blodgett
17. Functional Tests.....Dr. H. W. Plaggemeyer
18. Border Line Cases.....Dr. Stuart Wilson
19. Intestinal Obstruction.....Dr. R. J. Palmer
20. Cardio Renal Differential Diagnosis.....Dr. Stuart Wilson
21. Inguinal Hernia under Local (Moving Pictures).....Dr. F. A. Kelly
22. Intestinal Technique (Moving Pictures).....Dr. F. A. Kelly
23. Osteomyelitis.....Dr. R. J. Palmer
24. Intra Abdominal Hemorrhage.....Dr. H. W. Hewitt
25. Diabetes.....Dr. L. F. C. Wendt
26. Exophthalmic Goitre.....Dr. H. K. Shawan
27. Acidosis.....Dr. L. F. C. Wendt
28. Differential Diagnosis of Head Injuries.....Dr. G. P. Myers
29. Relation of the Family Doctor to the Employer and Employee.....Dr. R. L. Clark
30. The Use of Drugs and Hospital Care of Eye Cases....Dr. C. C. McClelland
31. Autopsy Technique.....Dr. Carl Meloy
32. Physical Examinations in Different Orthopedic Disabilities.....Dr. C. L. Storey
33. Abdominal Injuries.....Dr. G. H. Palmerlee
34. Breast Lesions.....Dr. H. K. Shawan
35. Practical Points in the Diagnosis and Treatment of Some of the Commoner Skin Diseases.....Dr. R. H. Stevens
36. X-Ray Diagnosis of Abdominal Conditions.....Dr. H. P. Doub
37. The Ethical Side of the Medical Profession.....Dr. S. H. Knight

Charity Work of the Hospital

The Main hospital and Branch treated 826 patients free of charge a total of 13,067 days, or 7.7 per cent of the total number of hospital days. For the care of these patients, the hospital expended over $40,000.00. The greater number were admitted to the hospital from the Out-Patient department. At no time was any worthy case refused admission on account of lack of money. The depressed industrial situation has increased the demands on the

hospital for free medical attention to such a degree that an increased number of indigent applicants may be expected in the coming year.

Laboratories and X-Ray Department

Both of these departments are still greatly handicapped for lack of space. By the use of a waiting room, the X-Ray department has been given a little relief. There does not seem to be any practical relief for the pathological laboratory, until such time as funds for a new building will provide additional space. The work of both laboratories has decidedly increased during the year, and they are maintained at a high state of efficiency. Owing to the limited space for personnel and equipment, it is not possible for the hospital to carry out any extensive research work until funds and space are available.

Post-Graduate Courses

The success of the post-graduate courses has been an inspiration to all heads of departments. The course in Surgical Anesthesia especially has attracted wide attention, and the demand for post-graduates who have completed the course is far in excess of the personnel available, although four classes are graduated each year. The Federal Vocational service has availed itself of opportunities to give several ex-war nurses post-graduate training in one or the other of these courses. During the year a post-graduate course in X-Ray technique and advanced laboratory technique was established. Owing to the increased demands on the superintendent and heads of departments, it has become necessary to discontinue the course in Hospital Economics, Administration and Institutional Nursing, which was organized in 1908. This course has furnished over one hundred graduates to the hospitals of the country as supervisors or executives in some administrative capacity, many of whom are still in active service. It was discontinued with much regret at a time when it seemed at the height of its success.

Grace Hospital Bulletin

Volume 4 of The Grace Hospital Bulletin comprised three numbers issued in 1920. The following articles appeared therein.

January—1920

1. Report of Cerebro Spinal Fever, Meningococci Type, as it occurred at Camp Lewis, American Lake, Wis.—C. Stuart Wilson.
2. Some Conclusions Drawn From a Series of Two Hundred Cases of Podalic Version.—Milton G. Goff.
3. The Diagnostic Value of Blood Counts.—Carl Meloy.
4. Encysted Vaseline in the Abdominal Cavity (Case Report)—Geo. P. Myers.

April—1920

1. Preparation of the Skin for Surgical Operations.—H. W. Hewitt.

2. Post-Operative Urinary Suppression From Para-Ureteral Occlusion. —H. K. Sherman
3. The Role of Radiotherapy in Cancer.—Rolin H. Stevens.
4. The X-Ray Findings in Lesions of the Upper Right Quadrant of the Abdomen.—Howard P. Doub.
5. Diphtheria Following Operation for Tonsils and Adenoids—Carl McClelland.

July-October—1920

1. Presentation of Surgical Cases.—J. B. Kennedy.
2. The Element of Error in Abdominal Diagnosis.—R. Johnston Palmer.
3. Presentation of Five Cases of Mitral Heart Lesions.—Stuart Wilson.
4. Peripheral Nerve Injuries.—Chas. S. Kennedy.
5. The Roentgen Diagnosis of Bone Tumors.—Howard P. Doub.

Red Cross Aides

During a part of the year of 1920, we had the willing and efficient service of several Red Cross volunteer aides from the Canteen Service Club. We wish to record our thorough appreciation of the generous services rendered by these women. During the month of December, as many as six aides daily assisted in the operating rooms, in preparing surgical dressings, pads, etc. The value of their service to the hospital cannot be overestimated.

The Grace Hospital of Warsaw, Poland

Early in the year, an appeal was made to the trustees and staff of the hospital to furnish funds for the opening of a branch of the Grace Hospital in Tarnapool, Poland, in order to combat a very serious typhus fever epidemic. $1,800 in American funds, representing a sufficient sum of money to pay the cost of operation of one hundred beds for six months (rendered possible by the low rate of exchange), was hastily and willingly subscribed by the trustees and members of the Attending Medical Staff. Before the funds reached Col. H. L. Gilchrist, U. S. A., who was in charge of the project, the Bolsheviki captured Tarnapool, and it was necessary to move the hospital project to Warsaw. Here on August 22, 1920, The Grace Hospital of Detroit, Mich., was formally opened. It was established in one of the largest auditoriums in Warsaw and was a unique enterprise. It immediately began to functionate in the care of wounded Polish soldiers who crowded into Warsaw from the battlefront.

Bequests

The following bequest was received by the hospital during the year:

From the estate of Philip H. McMillan to the General Endowment Fund.....$10,000.00

Early in the year the Real Estate Committee of the Board of Trustees was authorized to purchase abutting property on the

Purchase of Property

south side of the hospital block, facing Alexandrine E. With the exception of three lots, the hospital now owns the entire block between Alexandrine E. and Willis E., from John R. Street to Brush Boulevard and Recreation Park.

Acknowledgments

We are under many obligations to friends of the hospital, who have contributed to our work and progress during the year. We especially desire to mention services rendered by Mr. J. R. Sutton in making a survey of our fire insurance policies and fire risks. We also desire to record our appreciation of the services of groups of singers from various church organizations that have contributed to the entertainment and welfare of our sick through Sunday song services.

The heads of departments have worked faithfully to fulfill their responsibilities, especially trying during the greater part of the year on account of the reconstruction of a large wing of the main building. The hospital has a number of employes whose years of service and loyalty merit commendation.

The support and advice of your Board and the assistance of the members of the Board of Lady Managers is acknowledged with hearty appreciation.

Respectfully submitted,

W. L. BABCOCK,
Superintendent.

NEW MATERNITY WARD

A SUN PARLOR

NURSES' PARLOR

THE GRACE HOSPITAL TRAINING SCHOOL
FOR NURSES

THE GRACE HOSPITAL TRAINING SCHOOL FOR NURSES

FACULTY

Miss Lauria G. Meader, R. N., *Principal*
Miss Bertha A. Creelman, R. N., *Assistant Principal*
Miss Janeth Still, R. N., [illegible]

Miss Della DeLong, R. N. ..... *Operating Room Supervisor*
Miss Mabel I. Taylor, R. N. ..... *Assistant Operating Room Supervisor*
Mrs. Lola S. Bromley ..... *Social Service Director*
Miss Olive B. Reynolds, R. N. ..... *Clinic Supervisor*
Miss Jean B. Cochrane, R. N. ..... *Night Supervisor*
Miss Elloree McKinley, R. N. ..... *Supervisor,* Miriam Memorial Branch
Miss Gertrude Kennedy, R. N. ..... *Assistant Supervisor,* Miriam Memorial Branch
Mrs. Ada P. Hall, R. N. ..... *Night Supervisor,* Miriam Memorial Branch
Mrs. Ada Brooker ..... *Dietitian*
Miss Alice N. Carter, R. N. ..... *Director, Occupational Therapy Department*
Mrs. Carrie Deneke ..... *Nurses' Home Supervisor*

HEAD NURSES

Miss Edith Bruce
Miss Dorothy Longstreet, R. N.
Miss Harriet Milens, R. N.
Miss Jessie O'Harrow, R. N.
Miss Ethel Secor, R. N.
Miss Harriet Westley
Miss Bernice Wells, R. N.
Miss Norma C. Sampson, R. N.

PRINCIPAL'S REPORT

To the Board of Trustees of the Grace Hospital.

Gentlemen:

I respectfully submit to you the report of the Training School for the year ending Decemer 31st, 1920:

Pupil nurses enrolled as follows:

Graduates	2
Seniors	21
Intermediates	26
Juniors	51
Probationers	7
Total	107

The graduating exercises for the Class of 1920 were held May 12th, the school as in previous years participating in the Detroit Community Commencement Exercises. Twenty-seven nurses received diplomas and the school pin.

The eight-hour day voted for adoption by the Training School Committee went into effect June 1st, 1920. This arrangement has proven very satisfactory, resulting in improved study hours, class work, rest and recreation for the nurses, also better service to patients.

The change from a three year to a two and one-half year course of training has also been adopted. The assumption of the teaching of Chemistry, part of Dietetics and other subjects by the faculty of the Cass Technical High School rendered the shortening of the course possible.

Another change of importance has been the discontinuance with the class of 1920 of the $50.00 honorarium. Commencing May 1st, 1921, all pupil nurses in the Training School who have completed their probationary period as an "Expense Allowance" receive $10.00 per month for the first twelve months and $12.00 per month for the remaining fifteen months.

There has also been a number of changes in the nursing staff during the past year, the most important being the resignation of Miss Mabel Haggman, Principal of the Training School; Miss Ethel I. Janes, Assistant Principal, and Miss Helen M. Pollock, Instructor of Nurses. These vacancies have been filled by Miss Jean Cochrane, Presbyterian Hospital, Pittsburgh, Pa., as Assis-

tant Principal, and Miss Janette Still, Woman's Hospital, Philadelphia, Pa., as Instructor.

For the past number of years the private and ward floors of the hospital have been in charge of graduate nurse supervisors. As an experiment to secure improved service and more direct supervision of the nurses' practical work, the departments have been divided and head nurses placed in charge of the smaller divisions.

The increase in the number of applicants during the past year has indeed been welcome. The applicants considered have all had two years High School education or the equivalent. The majority are High School graduates.

The general health of the nurses has been good and although quite a number were very ill during the influenza epidemic, all with the exception of one made a satisfactory recovery. It is with regret we note the death of Miss Helen Willis, Junior nurse, who died February 1st, 1920, of pneumonia, following influenza.

The class work is being given, following as closely as possible the outline as required by the National Curriculum for Schools of Nursing. The Junior Class has finished the Chemistry Course given at the Cass Technical High School, and are now attending the course in Dietetics at the same institution. Every effort has been made by the officers of the High School to make these courses a success for the nurses.

The course of lectures given by the Staff Doctors has been resumed and the classes interrupted during the influenza epidemic have been started with satisfactory results. The nurses all appear much interested.

The increased number of nurses has made possible again our affiliations with the Herman Kiefer Hospital, also the Social Service instructions and practical experience in that branch of nursing.

We are very grateful to the Board of Lady Managers and all who have shown interest in the welfare of the nurses.

To Mrs. H. B. Joy we wish again to extend a vote of thanks for the Vacation House at Grosse Isle, for the Christmas Party refreshments, for the concert and theatre tickets provided during the year, and for her unlimited kindly interest, realized and appreciated by the entire Training School.

LAURIA G. MEADER,

Superintendent of Nurses and Principal.

TRAINING SCHOOL

Class of 1921—

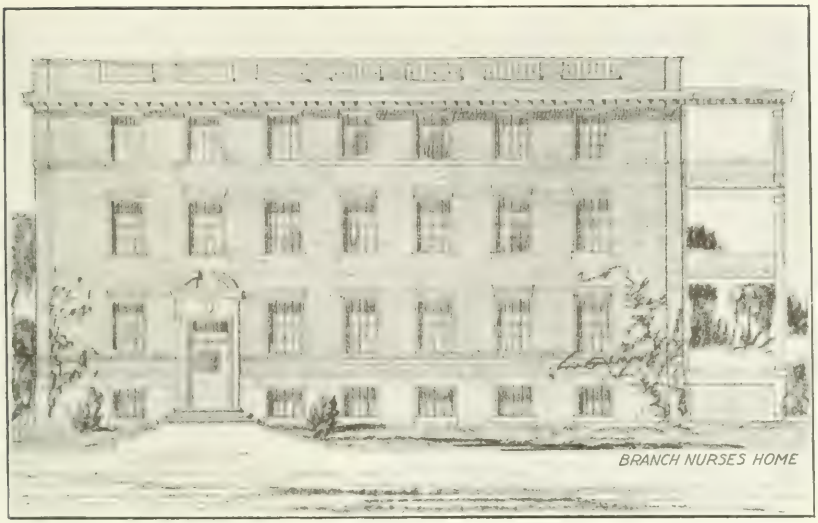
Miss Susan Honor
Miss Dorothy Longstreet
Miss Bess Kinch
Miss Jessie O'Harrow
Mrs. Pauline Monteith
Mrs. Blanche Patterson
Miss Norma Hecke
Miss Rigmore Miller
Miss Florence B. Scratch
Miss Edna J. Walker
Miss Sara Ingersoll
Mrs. Ella Hoover
Miss Alice L. Hill
Miss Mabel E. Lang
Miss Adah Gordon
Miss Margaretha H. Goede
Miss Hilda Parnall
Miss Lillian Lagan
Miss Helen M. Bradfield
Miss Gladys Reid
[illegible]

Class of 1922—

Miss Virginia Ross
Mrs. Reta Ecclestone
Miss Victoria McKinney
Miss Elsie Pankratz
Miss Isabelle Anderson
Miss Sara B. Barton
Miss Mildred Roberts
Miss Helen Bourne
Miss Madeline Turner
Miss Leona J. Dawson
Miss Jennie Atwater
[illegible]
Miss Tillie W. Lobban
Miss Mary D. Johnson
Miss Susanne Rogers
Miss Marion D. Ramsay
Miss Zeta Goodrow
Miss Vera E. Dawes
Miss Orpha Hunter
Miss Mary Napolatano
Miss Fern Awrey
Miss Violet Newbrough
Miss Carrie Ernst
Miss Ethel Goodrich
Miss Sylinda Becker
Miss Rizpah Andrews

Class of 1923—

Miss Willa Russell
Miss Helen Mokener
Mrs. Florence Glenn
Miss Ruby Wardle
Miss Edith Greer
Miss Mabel Kiehler
Miss Antoinette Walker
Miss Pearl Clatworthy
Miss Grace Williams
Miss Hilda O'Bershaw
Miss Theodore Owens
Miss Caroline Whinham
Miss Dorothy Cole
Miss Eva Dertinger
Miss Agnes Kiminski
Miss Ermina Hines
Miss Sally Stone
Miss Anna Seeger
Miss Agnes Lynch
Miss Thora Burge
Miss Alice Precious
Miss Julia Ross
Miss Grace Gillespie
Miss Nellie Nehmer
Miss Carroll Wood
Miss Emma McDonald
Miss Elinor Witherall
Miss Sophia Burger
Miss Kathryn I. Oliver
Miss Catherine Kennedy
Miss Gladys Thomas
Miss Gertrude Mehrle
Miss Estella Rose
Miss Hazel Puff
Miss Emma Crichton
Miss Edna M. Zell
Miss Helen J. Burnett
Miss Beatrice Roell
Miss Geta L. Haynes
Miss Dorothy Hunter
Miss Janette Case
Miss Rena Black
Miss Estella Ross
Miss Elizabeth Simons
Miss Wilhelmina Ackerman
Miss Emily Hinton
Miss Amelia Cornish
Miss Marilla C. McIntyre
Miss Madeline Schuett
Miss Vera E. Haley
Miss Frances Daykin
Miss Beulah Parent
Miss Ottelia Trinklein
Miss Iva Cunningham
Miss Sophia Kempton
Miss Blanche Holdsworth
Mrs. Jane Wellington
Miss Winifred Baigent



WEST BRANCH NURSES' HOME

EMPLOYES' HOME

POST GRADUATE COURSES

Course in Hospital Economics, Administration and Institutional Nursing

(Inaugurated Nov. 1, 1908)

In addition to the following nurses, who graduated during 1918 and 1919, seventy-four have graduated from this course, the majority of whom are holding responsible supervisory positions in hospitals throughout the Central and Western States.

During the year 1920, we received two hundred seventy-one inquiries concerning this course and we were requested to recommend candidates for the following hospital positions:

Superintendent	14
Assistant Superintendent	2
Superintendent of Nurses	16
Assistant Superintendent of Nurses	1
Instructor	2
Surgical Nurse	2
Supervisor and Head Nurse	13
Dietitian	2
Anesthetist	53
X-Ray and Laboratory Technician	2

GRADUATES—1920-1921

Miss Ainah Royce
Miami City Hospital, Miami, Florida—February 15, 1920

Miss Mae Tompkins
Supt. Elizabeth Hatton Hospital, Grand Haven, Michigan—March 15, 1920

Miss Sophie Adams
Halstead Hospital, Halstead, Kansas—April 7, 1920

Miss Bertha Creelman
Ashtabula General Hospital, Ashtabula, Ohio—June 1, 1920

Miss Bessie Sharrar
Carthage City Hospital, Carthage, Missouri—September 15, 1920

Miss Rosella McCloud
Bethseda Hospital, Peking, China—September 1, 1920

Miss Alice R. Simpson
March 15, 1921

COURSE IN ANESTHESIA

(Inaugurated in 1918)

GRADUATES—1920

Miss Ruth Cooke, R. N.
Miss Stella DuVall, R. N.
Miss Ida B. Rice, R. N.
Miss Carrie Yaeger, R. N.
Miss E. O. Robertson, R. N.
Miss Cornelia DeBoer, R. N.
Miss Maxine M. Gibbons, R. N.
Miss Beatrice LaMontagne, R. N.
Miss Josephine K. Harrold, R. N.
Miss Nora E. Jenkins, R. N.
Miss Marian E. Shapter, R. N.
Miss Agnes A. Rieger, R. N.

MEMBERS OF CLASS—1921

Miss Hannah E. Davis
Miss Emma Alber
Miss Wilma Wallace
Miss Louise Conway
Miss Margaret Carmichall
Miss Marion Traylor
Miss Anna M. Stauffer
Mrs. Nell McClintick
Mrs. F. Cameron Howard
Miss Beatrice Tourangeau
Miss Kathryn Lavin
Miss W. G. Hulz

COURSE IN SURGICAL NURSING

(Inaugurated in 1914)

GRADUATES—1920

Mrs. Myrtle Wescott, R. N.
Miss Edna Stacy, R. N.
Miss Mabel I. Taylor, R. N.

MEMBERS OF CLASS—1921

Miss Evelyn D. Monaghan

COURSE IN PRACTICAL HOSPITAL DIETETICS

(Inaugurated in 1912)

GRADUATES—1920

Miss Lovise R. Sinclair
Miss Grace Totten
Miss Teresa Terry

REPORT OF X-RAY DEPARTMENT

To the Superintendent:

I herewith submit a report of the X-Ray Department of Grace Hospital for the year ending December 31, 1920, as follows:

Main Hospital Cases	1587
Miriam Memorial Branch Cases	85
Clinic Cases	205
Out Cases	298
	2175

Classification

Fractures and Dislocations	1241
G. I. Tract and Gall Bladder	279
Chest	468
Kidneys and Bladder	159
Diseases of Bones and Joints	84
Teeth	132
Sinuses	30
Mastoids	18
Foreign Bodies	21
Pregnancy	4
Treatment	48
Total Examinations	2484

This, as will be seen, is an increase of over 800 examinations over last year.

ROLLIN H. STEVENS, M. D.,
Roentgenologist.

REPORT OF THE PATHOLOGICAL LABORATORIES

To the Superintendent:

I beg to submit herewith the report of the activities of the Laboratory during the year ending December 31, 1920. Our handicap for larger working quarters is more than ever recognized. The many new and technical procedures which we have recently taken up have been done under great difficulty at times. Some of the new examinations which we have been called upon to carry out may be listed: The testing of all milk that comes to the hospital for the number of bacteria, and the butter-fat content, specific gravity, total solids; the teaching of elementary laboratory work to the nurses who are in attendance upon the course in Anesthesia; the bacterial study of cultures taken from all dressings and catgut used in the operating rooms for sterility; the saving and preparation of surgical and post-mortem tissues, for teaching purposes, and demonstrations; the examination of all tissue specimens taken at operation, for gross description and diagnosis; the gross description of all placentas; and the running of bloods on each infant born in the Main Hospital and the Branch, for serological tests. We are glad to report the installation of a chemical table whereby the blood and urine chemistry may be carried out with much more ease. In this work we were aided by Miss Martha Aldrich from the Massachusetts General Hospital, who left us to take a position at the Mayo Clinic. Her work has been very well taken up by Miss Forster. Our bacteriological work is being carried out by Miss McWhirk, who is doing a splendid type of work.

Below is tabulated the statistical report:

Bacteriological

Throat Cultures	2,273
Cultures and Smears	438
Blood Cultures	154
Sputum Examinations	191
Animal Inoculations	24
Bacterial Typing	66

Autogenous Vaccines	8	
Diagnostic Tests for Tuberculosis	23	
Schick Tests	22	
Dark Field	2	
		3,2[illegible]

Serological

Wassermans	1,274	
Spinal Fluids	85	
Widals	74	
Special Fluids	8	
		1,441

Blood Examinations

Complete Blood Counts	506	
Absolute and Differential	727	
Special Bloods	26	
Blood Grouping	59	
		1,318

Chemical

Gastric Analyses	154	
Fecal Analyses	554	
Phenol Sulphonephthalein	124	
Blood Sugar	119	
Blood Urea Nitrogen	138	
Blood Nonproteid Nitrogen	59	
Blood Uric Acid	48	
Mosenthal Tests	17	
Quantitative Urine Analyses	397	
Routine Urine Analyses (Clinic)	495	
Routine Hospital Urine Analyses	8,500	
		10,[illegible]51

Surgical Pathology

Microscopic Tissue Examinations	206	
Gross Description and Diagnosis	776	
		982

Post-Mortem Examinations

Post-Mortem Examinations	45	
	—	45
Grand Total of Examinations for 1929		17,643

The number of deaths in the hospital for the year were 454, which included still births (which numbered 29), and all cases where death occurred inside the walls of the hospital. Our post-mortem percentage amounts to 9.9 per cent, which we feel is a good showing.

Respectfully submitted,

CARL R. MELOY, M. D.
Director of Laboratories.

REPORT OF SOCIAL SERVICE DEPARTMENT

To the Superintendent:

I take much pleasure in herewith submitting the eighth annual report of the Social Service Department of the Grace Hospital.

On January 1st, 1919, the Detroit Community Union assumed the financial responsibility of this department. The appropriation granted has made possible the establishment of some greatly needed welfare activities.

A salaried assistant to the Director has been a very welcome addition to our Social Service staff.

In May, our Venereal Clinic greatly increased its utility by opening a department for the weekly administration af Salvarsan. The very moderate fee of $2.00 per treatment is asked if the circumstances of the patient permit; whenever necessary treatments are given absolutely free of charge.

Great credit is due to Dr. A. E. Schiller, under whose administration the number of patients admitted to this clinic has increased three-fold in one year. His untiring efforts have already met with some extremely gratifying results.

Between May 18th and December 30th, 107 Salvarsan treatments have been given.

As the early recognition and treatment of venereal diseases, which constitute one of our greatest national scourges, forms undoubtedly, our most vital community responsibility, we consider this clinic deserves special attention amongst our welfare activities.

This year, owing to the general shortage of nurses in our training schools, the term of service in the Social Service department has been somewhat shortened. It has been most gratifying to note the keen interest and splendid co-operation which our pupils have evinced. This has been tangibly evidenced by generous contributions of money and toys for our Clinic Christmas Tree and dinners from graduates who helped in this department over two years ago.

At the Community Fund Exhibition, which was held in the City Hall immediately prior to the November drive, some of our activities were represented by photographs and miniature table exhibits of some of the clinic rooms.

Our Pediatric Department continues to form one of the most constructive and appealing branches of welfare work.

Through co-operation with the Sigma Gamma Orthopedic Clinic, which is under the expert direction of Dr. Carroll L. Storey,

many children requiring operations have been admitted to the hospital. After their recovery they were returned to this clinic, which is specially equipped for the out-patient care of such cases. This arrangement, affording to the patient as it does, the specialized care of both institutions, has proven very satisfactory in every way.

Miss Bernardine Binns, a former clinic clerk, very thoughtfully gave a delicate thirteen-year-old girl a long summer outing at her home in the country.

The Pingree Club, composed of young Y. W.C. A. girls, generously provided four families with Thanksgiving dinners.

Our usual Clinic Christmas tree entertainment delighted the hearts of over one hundred children, who received presents, cake, candy, ice cream and apples. Charming Christmas stories were told by the Reverend H. Leber, Episcopal City Missionary, and Mrs. Canfield, both of whom are gifted with the rare art of story-telling.

During the year 2,189 visits were made to patients' homes and in their behalf.

Cases were referred to the various Welfare agencies as follows:

Department of Public Welfare	148
Board of Health	33
American Red Cross	4
Board of Education	6
Children's Aid Society	12
St. Vincent de Paul Society	21
Visiting Housekeepers' Association	4
Visiting Nurses' Association	13
Psychopathic Clinic	4
Women's Hospital	3
Girls' Protective League	4
Juvenile Court	2
Howell State Sanitorium for Tuberculosis	1
Detroit Tuberculosis Sanitorium	3
Arnold Home	2
Committee on Handicapped	6
Ford Motor Company Social Service Department	6
Persons Given Thanksgiving Dinners	28
Persons Given Christmas Dinners	36
Persons Provided with Employment	14
Glasses Furnished Free of Charge (pairs)	12
Orthopedic Apparatus Free of Charge (articles)	2
Salvarsan Treatments Free	107
Hot Air Treatments Free	15

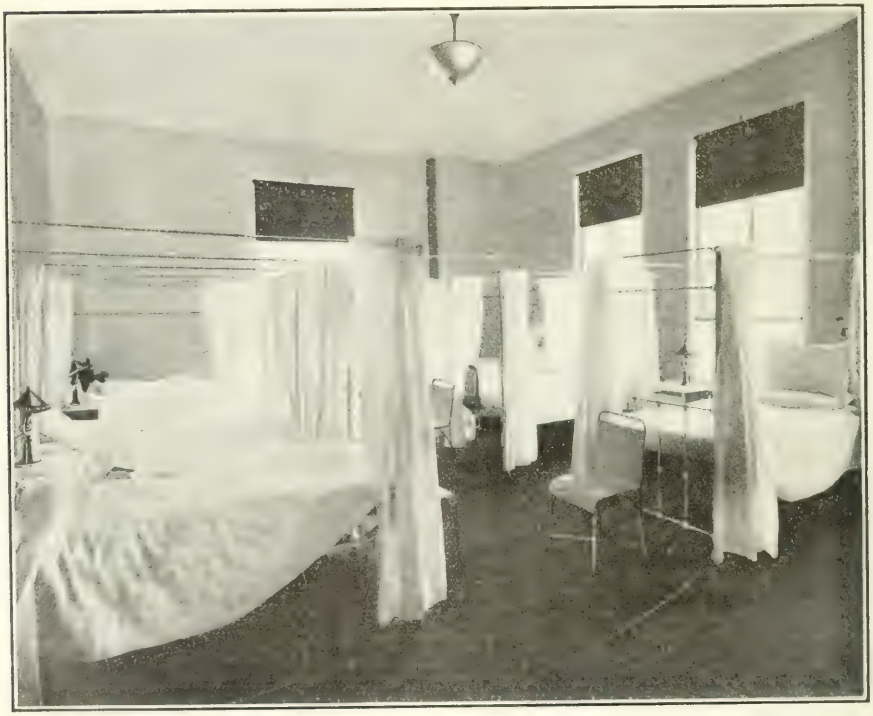
Children Provided with Summer Outings	15
Articles of Clothing Distributed	108
Shoes (pairs)	6
Patients referred to physicians	126

The department extends warmest thanks to the following for most generous gifts of money, clothing, Christmas dinners, books and toys.

Dr. Suzanne Sanderson, Miss A. Klewer, Mrs. Jessie Ferguson, Mrs. W. L. Babcock, Mrs. James Parker, Mrs. B. H. Glenn, Mrs. John Watkins, Needle Work Guild of America, St. Andrew's Sunday School, St. Peter's Sunday School, American Red Cross, Episcopal City Mission, Miss Leone Bishop, Miss Alice Carter, Miss Olive Reynolds, Miss Bertha Giffin, Miss Dickson, Mrs. Belle Patterson, Miss Nettie Hamilton, Y. W. C. A. Clubs, Dr. Bessie Coffin, Mr. Kenneth McKenzie, Mrs Daniel Castle, Mrs. B. Kahn and Mrs. P. Kanter.

Respectfully submitted,

CHARLOTTE P. MOODIE,
Social Service Director.



A WARD

REPORT OF DENTAL CLINIC

To the Superintendent:

Dear Sir:—I herewith submit the report of the Grace Hospital Dental Clinic of the Detroit Board of Health for the year ending December 31st, 1920. It will be noted that the report shows a decrease in the amount of work accomplished and this is due to the following reasons:

First—During the past year the work done has been confined to the regular hospital work; that is, no schools have been assigned days for sending children. This is the prime cause and was brought about so as to prevent loss of time from school for the children.

Second—The other cause is the general condition that effects all departments, namely, increase in cost of operation.

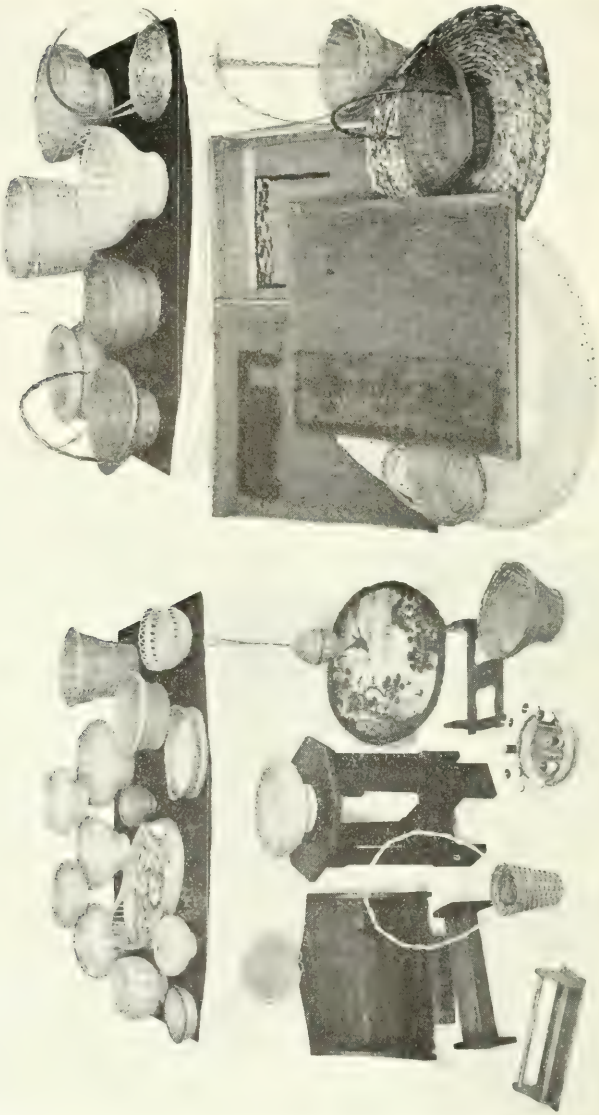
This report, however, shows a greater amount of work done for the hospital's out-patients than ever before. We endeavor to make every operation as nearly perfect as conditions will permit. The work is not only remedial but also educational.

The following is a brief report of the work done during the year:

Patients—New, 392; old, 425. Total, 817.
Prophylaxis, 165.
Fillings—Amalgam, 95; cement fillings, 76; gutta percha, 5.
Roots treated, 15.
Treatments—Arsenic, 18; silver nitrate, 14.
Putrescent pulps—Treated, 15; pulps capped, 15.
Abscesses—Treated, 3; lanced, 18.
Extracted—Permanent, 269; temporary, 344.
Odontalgia—Treated, 79; local-gas, 305.
Surgical Cases, 2; curetment, 16.

Respectfully submitted,

A. C. THOMPSON,
Director Dental Division.



OCCUPATIONAL THERAPY DEPARTMENT
A Few Articles Manufactured by Convalescent Patients

REPORT OF THE OCCUPATIONAL THERAPY DEPARTMENT

1920

To the Superintendent:

I herewith submit the report of the Occupational Therapy Department for the year ending December 31st, 1920.

The work of this department has continued to be of great benefit to many patients in the hospital, and to many after discharge to their homes, not only from a therapeutic, but also from a financial standpoint, enabling them in some instances to augment their regular income by proceeds from this work.

One case may be cited: A man seriously handicapped by the results of an accident, continued the work after leaving the hospital wherefrom he obtained his materials at cost. In eight months he was able to sell over $600.00 worth of articles; and has good prospects of continuing his sales.

At the exhibit given by the Detroit Community Union last November this Department was represented by means of panels on which specimens of the various forms of handicraft were displayed. A miniature ward was arranged which depicted patients in bed and in wheel chairs engaged in the occupations most suited to the positions which their disabilities necessitated.

Through the kindly co-operation of the physicians patients were taken down to the Exhibition Hall in wheel chairs, from which they gave practical demonstrations which excited great interest and attracted much attention.

Through the active co-operation of the Rainbow Shop with this Department, the problem of the disposition of the articles made has been greatly simplified. We wish to express our grateful appreciation to this most helpful organization.

We would like to suggest that the medical fraternity may be most helpful by emphasizing the mental and physical value of handicraft to those patients who are obliged to remain in the hospital for lengthy periods. A word from the physician carries great weight with the average patient; and if the work be recommended as a part of his prescription may stimulate him to employ his time to greater advantage.

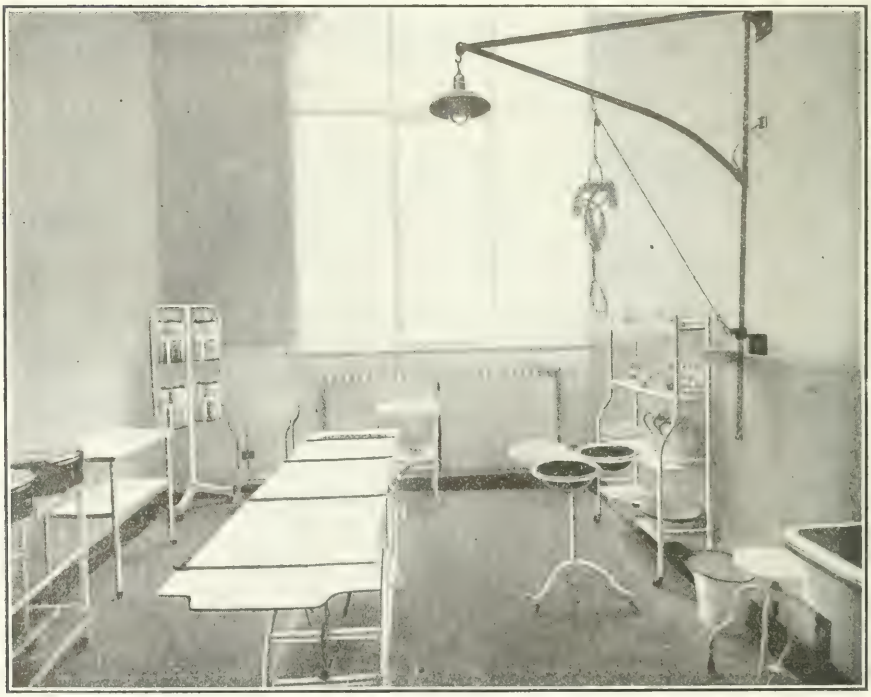
During the year the total amount of articles made is as follows:

Animals	136	Waste Baskets	5
Balls	168	Covered Baskets	12
Twine Handbags	249	Work Baskets	52
Shopping Bags	22	Flower Baskets	9
Thompson Bags (Silk)	27	Market Baskets	3
Raffia	2	Basket Bowls	16
Bill Folds	6	Basket Bowls	24
Purses	66	Book Racks	5
Cases	19	Collar and Cuff Sets	2
Belts	14		

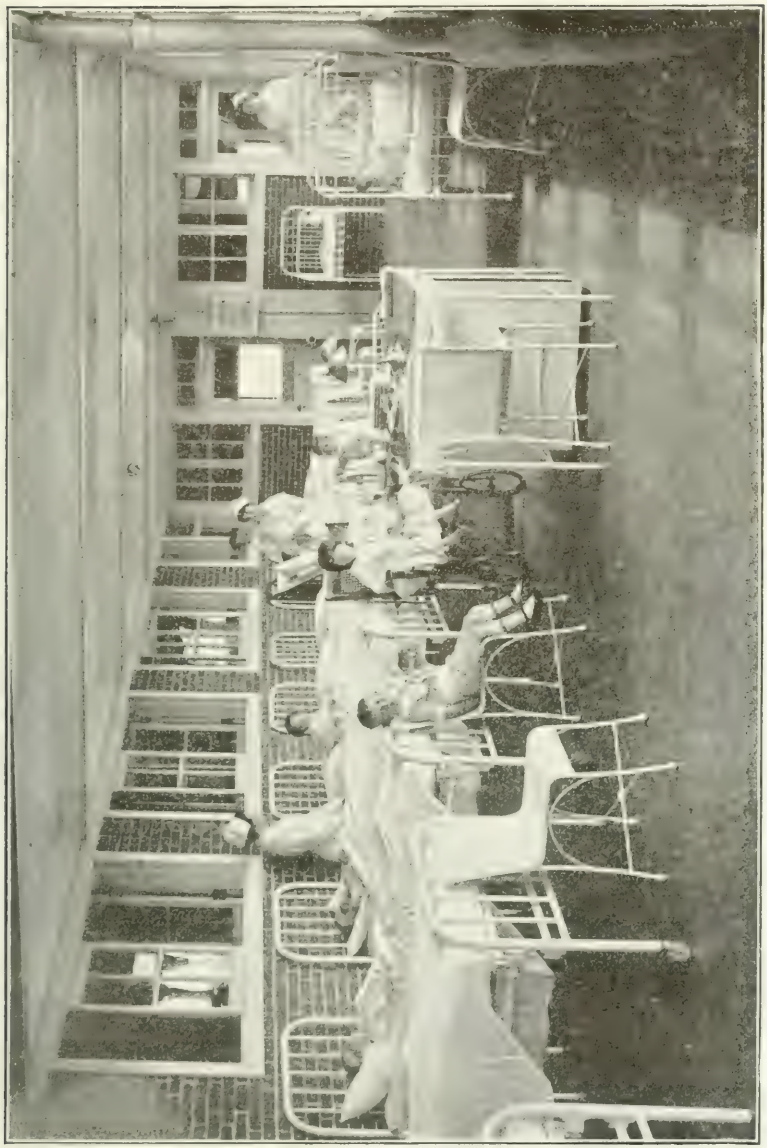
Respectfully submitted,

ALICE N. CARTER, R. N.,

Occupational Therapy Director.



OPERATING ROOM



WARD 20 — FOR CHILDREN

GIFTS AND CONTRIBUTIONS

1920

Dr. C. L. Storey—Surgical instruments.
Mrs. W. L. Babcock—One sewing machine for Employees' Home.
Dr. H. K. Shawan—$25.00 for purchase of table lamp for Nurses' Home.
Kelsey Wheel Company—Four Kelsey No. 88 demountable rim wheels.
Dr. H. W. Hewitt—One gallon Picric acid.
Mrs. L. J. Goux—Framed photo of Dr. L. J. Goux.
Dr. Bruce Anderson—Twenty-four volumes "International Clinics."
Dr. Charles Strong—Forty volumes medical books.
Mrs. Fannie Beebe—One pair crutches.
Mellins Food Company—One gross Mellins Food.
C. Edward Smith—$2.00 in money.
Crowley, Milner & Company—Loan of beds and six dolls for exhibit.
Mr. G. H. Beach—$150.00 per year for laboratory.
Kuhlman & Company—One box cigars.
J. F. Hartz & Company—One box cigars.
Drs. W. L. Babcock, J. B. Kennedy, W. G. Patterson, A. Newbarr, R. R. Goldstone, E. W. May—Cigars and cigarettes for internes.
Dr. Suzanne Sanderson—Chocolates for internes.
Surgical Staff—$28.00 for cigars and cigarettes for internes.
Dr. J. B. Kennedy—$10.00 Christmas donation for orderlies' cigars.
Mr. Kenneth Anderson—$50.00.
Dr. J. B. Kennedy—$25.00 for Nurses' Christmas.

FLOWERS

1920

Mrs. O. K. Rudow, 291 Agnes Street.
Mrs. J. F. Dodge, 43 Boston Boulevard East.
Family of late Mrs. Jos. B. Mills.
Mrs. William Pritchard, 172 Gladstone.
Dr. E. W. May, 1053 David Whitney Building.
Edward R. Stimpson, 65 Hazelwood.
Mrs. Arthur C. Cogswell, 2716 West Grand Boulevard.
Mrs. G. G. Caron, 152 LaSalle Gardens.
Mrs. Wm. Smith, 39 East Hancock Street.
Alton Society, St. Paul's Cathedral.
Asman & Dunn, Florists, 895 Vermont Avenue.
Fetters Flowers, 17 East Adams Avenue.
Mr. Arthur Schwartz, 587 East Grand Boulevard.
Mrs. Minnie Koch, 1060 Helen Avenue.
Woodward Avenue Presbyterian Church.
Papes Brothers, Florists, Woodward and Parsons.
Mrs. Frank J. Klingensmith, Birmingham, Mich.
Mr. G. E. Roehm, 301 Twenty-fifth Street.
Mr. F. O. Probasco, 601 Pasadena Apartments.

MAGAZINES

1920

Mrs. W. H. Jennings, 527 Iroquois Avenue, City.
Mrs. Henry B. Joy, Grosse Pointe Farms, Michigan.
Dr. George C. Duggan, 1105 David Whitney Buliding.
Mr. W. T. Rounds, 107 West Hancock Avenue, Detroit.
Dr. John T. Lyston, The Grace Hospital.
Mr. S. Fox, 122 Theodore Street.
Mrs. W. G. Digby, 89 West Hancock.
Mrs. Mary Hamilton, 107 West Hancock.
Mr. Harry Chapman, 378 Campbell Avenue.
Policy Holders Service & Adjustment Co., 627 Majestic Building.
Mrs. Jas. P. Whitehead, 376 Seminole Avenue.
Mrs. James Palmer, Jr., 243 Philadelphia West.
Dr. T. B. Cooley, 367 Parker Street.
Rev. G. T. Heinz, East Jefferson Lutheran Church.
Wm. Freytag, Wyandotte, Michigan.
Mrs. W. T. Barbour, 885 East Jefferson.
Mrs. W. E. Goodwin, 240 Northwestern Avenue.
Mrs. Walter Jennings, 527 Iroquois Avenue.
Dr. T. B. Cooley, 367 Parker Avenue.
S. Sloman, 78 Ferry Avenue East.
T. P. LaDue, 287 Canfield Avenue West.

PUPIL NURSES' DINING ROOM

MAIN HOSPITAL — PATIENTS TREATED

	Remaining on Dec. 31, 1919			Admitted in 1920			Discharged in 1920 — Males					Discharged in 1920 — Females					Remaining on Dec. 31, 1920		
	Males	Females	Total	Males	Females	Total	Cured	Improved	Unimproved	Dead	Total	Cured	Improved	Unimproved	Dead	Total	Males	Females	Total
Medical	7	10	17	534	507	1041	237	189	18	93	537	217	200	18	66	501	4	16	20
Surgical	59	61	120	1468	1259	2727	1044	321	17	112	1494	918	260	25	79	1282	33	38	71
Gynaecological		18	18		506	506						416	71	6	18	511		13	13
Obstetrical		14	14		368	368						341	8	7	10	366		16	16
O. & O.	8	3	11	939	1010	1949	866	57	16	3	942	962	32	16	2	1012	5	1	6
Children	3	2	5	29	18	47	21	3		8	32	13	5		1	19		1	1
Orthopedic	2	0	2	130	122	252	24	101	1		126	18	98	1	1	118	6	4	10
Neurological		1	1	2	6	8	1	1			2		3	2		5		2	2
Dermatological				13	24	37	1	12			13	2	22			24			
Urological				171	27	198	98	50	10	8	166	11	12	3		26	5	1	6
Rectal	3	3	6	65	38	103	60	5	1		66	36	2			38	2	3	5
Infants	7	9	16	167	178	345	154	5	1	11	171	268	4	1	11	184	3	3	6
Total	89	121	210	3518	4063	7581	2506	744	64	235	3549	3102	717	79	188	4086	58	98	156
Grand Total			210			7581	Treated				7791	Discharged				7635			156

Number of deaths	423
Number dying within 48 hours of admission	115
Percentage of deaths after deducting patients admitted in dying condition	3.95%
Average number of days' treatment of each patient	11.93
Number of Coroner's cases	49

MIRIAM MEMORIAL BRANCH — PATIENTS TREATED

	Remaining on Dec. 31, 1919			Admitted in 1920			Discharged in 1920										Remaining on Dec. 31, 1920		
							Males					Females							
	Males	Females	Total	Males	Females	Total	Cured	Improved	Unimproved	Dead	Total	Cured	Improved	Unimproved	Dead	Total	Males	Females	Total
Medical	3	6	9	37	39	76	16	16	4	3	39	17	18	1	5	41	1	4	5
Surgical	8	6	14	236	400	636	176	48	2	11	237	329	52	2	17	400	7	6	13
Gynaecological					4	4						4				4			
Obstetrical		12	12		259	259						255	6	8		269		2	2
O. & O.				12	11	23	12				12	11				11			
Children																			
Orthopedic																			
Neurological																			
Dermatological																			
Urological																			
Rectal																			
Infants	5	5	10	129	112	241	125			8	133	109	1		6	116	1	1	2
Total	16	29	45	414	825	1239	329	64	6	22	421	725	77	11	28	841	9	13	22
Grand Total			45			1239	Treated				1284	Discharged				1262			22

Number of deaths 50
Number dying within 48 hours of admission 17
Percentage of deaths after deducting patients admitted in dying condition 2.57%
Average number of days' treatment of each patient 11.7
Number of Coroner's cases 6

THE GRACE HOSPITAL POLYCLINIC REPORT

1920

	New Cases			Old Cases			Transferred to Hospital
	Male	Female	Total	Male	Female	Total	
Chest	1		1	14	13	27	
Medical	182	221	403	449	826	1275	23
Surgical	169	222	391	511	602	1113	61
Gynaecological		149	149		1004	1004	19
Eye and Ear	263	423	686	791	1291	2082	4
Orthopedic	44	53	97	74	115	189	24
Dermatological	88	94	182	403	573	976	
Laryngological	653	784	1437	1116	1336	2452	1084
Disease of Children	92	145	237	205	315	520	24
Urology	51	12	63	173	62	235	27
Neurology	26	37	63	141	262	403	4
Dental	200	176	376	181	176	357	4
Gastro-Intestinal	28	22	50	95	212	307	20
Obstetrical		52	52		155	155	24
Total	1797	2390	4187	4153	6942	11095	1318

Grand Total, 15,282. Original Prescriptions, 5,480.

Total No. Salvarsan Treatments given, 107 (May 18, 1920, to January 1, 1921).

AMBULANCE REPORT

1920

	Brought In	Taken Home	No. Case	Total
Sick Calls	1415	906	18	2339
Branch Calls	218	146	1	365
Transfers	14			14
Total	1647	1052	19	2718

AUDITOR'S DEPARTMENT

ANNUAL STATEMENT OF EXPENSES AND EARNINGS

1920

Earnings and Income

Administration		$ 2,711.03	
Ambulance		14,935.89	
Board Account—Pay Patients		266,221.21	
Board Account—City and County Patients		19,309.26	
Discount Earnings		1,972.91	
Interest Earnings		214.02	
Baths	$ 392.50		
Laboratory	8,295.00		
Confinement Room	2,859.00		
Operating Room	34,681.34		
Polyclinic	1,644.32		
X-Ray Department	18,586.00		
Surgical Appliance Department	4,526.95		
Professional Care of Patients	19,321.49		
		90,306.60	
Training School Earnings		159.06	
			$395,829.98
*Miriam Memorial Branch			61,494.49
Income from General Endowment Fund			19,144.45
			$476,468.92

Maintenance Expenses

Ambulance		$ 12,626.98	
Fuel, Light and Heat		19,291.14	
Laundry		16,116.57	
Training School		51,537.07	
Interest		3,624.00	
Insurance		792.00	
Employes' Building Expense Account		6,259.65	
Housekeeping	$ 61,340.09		
Less Cash Goods Sold	7,338.73		
		54,001.36	
Building Maintenance, Current Repairs and New Equipment	$ 21,904.05		
Less Cash Goods Sold	5,979.01		
		15,925.04	
		$180,173.81	
			$476,468.92

*See page 71 for itemized statement.

ANNUAL STATEMENT OF EXPENSES AND EARNINGS—(*Continued*)

Brought forward		$130,173.81	
			$476,468.92

Provisions

Bread and Crackers	$ 6,288.84		
Butter	8,244.84		
Canned Goods	9,243.23		
Cheese and Lard	1,072.04		
Coffee	2,154.50		
Dried Fruits	788.12		
Eggs	7,554.02		
Farinaceous	1,551.59		
Flour	1,555.16		
Fruits and Vegetables	19,154.48		
Meat	30,868.17		
Milk	21,471.71		
Sugar	6,121.74		
Syrup and Molasses	76.61		
Spices and Extracts	360.24		
Tea	460.70		
Sundries	2,615.31		
	$119,581.30		
Less Cash Goods Sold	18,364.87		
		101,216.43	

Pharmacy

Salaries	$ 3,225.23		
Drugs	11,021.13		
Surgical Dressings	15,928.30		
Surgical Supplies	3,364.80		
Serums, Vaccines and Salvarsan	477.38		
Food Products	395.08		
Instruments	412.33		
Pharmacal Sundries	192.28		
Heat, Light, Water, Phones, etc.	228.74		
	$ 35,245.27		
Less Cash Goods Sold	13,611.10		
		21,634.17	
		$303,024.41	
			$476,468.92

ANNUAL STATEMENT OF EXPENSES AND EARNINGS—(*Continued*)

Brought forward		$303,024.41	
			$476,468.92

Professional Care of Patients

House Staff Expenses	$ 5,211.35		
Pediatric Department	44.61		
Pathological Laboratory	9,196.08		
X-Ray Department	15,421.20		
Orthopedic Department	238.96		
Surgical Appliance Department	4,245.15		
Printing	916.63		
Medical Equipment	2,970.12		
Library	67.39		
Dry Goods	1,984.49		
Sundries	88.36		
Telephone Expense	1,337.06		
Anesthesia Department	10,192.80		
Bulletin Grace Hospital	752.10		
Instruments	386.64		
Urological Department	240.50		
Water	138.35		
Clinical Record Expense	954.13		
Diagnostic Service	17.02		
	$ 54,402.94		
Less Credits	1,770.50		
		52,632.44	
		$355,656.85	
			$476,468.92

ANNUAL STATEMENT OF EXPENSES AND EARNINGS—(*Continued*)

Brought forward		$355,656.85	
			$476,468.92

Administration

Annual Report, 1920	$ 695.81		
Transportation	872.31		
Salaries	32,196.96		
Stationery	651.27		
Printing	704.30		
Express, Freight, Cartage Expenses	1,907.00		
Subscriptions and Advertising	270.31		
Treasurer's Office, Legal Expenses	1,087.49		
Messenger Service, Telephones, Telegrams, Postage, Carfare	1,484.54		
Office Files and Supplies	1,512.45		
Hospital Bureau of Standards & Supplies	200.04		
Sundries	267.61		
Water	27.68		
	$ 41,877.77		
Less Credits	274.92		
		41,602.85	
*Miriam Memorial Branch		50,566.32	
Accounts Charged to Profit and Loss, Main Hospital		1,453.84	
			449,279.86
Surplus on Operation			$ 27,189.06

Capital Expenditures

North Wing Addition	$ 55,441.18		
North Wing Equipment	10,176.07		
Nurses' Home, Branch	34,767.61		
Nurses' Home Equipment, Branch	3,114.16		
	$103,499.02		
Received of Community Union	47,500.00		
			55,999.02
Deficit			$ 28,809.96

*See page 71 for itemized statement.

MIRIAM MEMORIAL BRANCH

ANNUAL STATEMENT OF EXPENSES AND EARNINGS

1920

Earnings

Paying Patients	$ 43,315.69	
City Patients	448.13	
County Patients	190.87	
Operating Room	5,289.00	
Pharmacy	4,001.37	
Labor Room	1,940.00	
Ambulance	2,021.00	
Laboratory	400.50	
X-Ray Department	820.00	
Administration	34.58	
Baths	42.00	
Professional Care of Patients	2,991.35	
		$ 61,494.49

Expenses

Administration	$ 4,443.74	
Fuel, Light and Heat	3,281.63	
Housekeeping Wages	5,772.33	
Laundry, Wages	2,434.50	
Training School	6,892.11	
Professional Care of Patients	2,242.30	
Building Maintenance, Repairs and New Equipment	2,791.40	
Provisions M. S.	14,705.81	
Housekeeping M. S.	994.82	
Pharmacy M. S.	2,852.04	
Laundry M. S.	816.91	
Water	118.28	
Branch Home	801.45	
Ambulance	1,195.00	
X-Ray Department	560.00	
Insurance	664.00	
		50,566.32
Surplus		$ 10,928.17

TRAINING SCHOOL ENDOWMENT FUND

(E. M. Fowler Endowment)

Receipts

December 31, 1919, Balance	$ 335.65	
March, 1920	97.60	
April	156.60	
September	60.00	
October	156.60	
		$ 806.45

Expenditures

December, 1920	$ 100.00	
		100.00
Balance		$ 706.45

DELIA N. HANMER ENDOWMENT FUND

Receipts

December 31st, 1919, Balance	$ 1,506.29	
February, 1920	31.00	
March	40.25	
April	51.00	
June	65.25	
July	61.50	
August	30.00	
September	40.25	
October	1.50	
December	125.25	
		$ 1,952.29

Expenditures

January, 1920	$ 316.85	
December	70.50	
		387.35
		$ 1,564.94

NURSES' HOME ENDOWMENT FUND

(Helen Handy Newberry Endowment)

Receipts

December 31st, 1919, Balance	$ 766.05	
March, 1920	125.00	
		$ 891.05

Expenditures

April, 1920	$ 245.00	
		245.00
Balance		$ 646.05

TEFFT MEMORIAL ROOM ENDOWMENT

Receipts

December 31st, 1919, Balance	$ 849.92	
April, 1920	75.00	
		$ 924.92

Expenditures

February, 1920	$ 57.25	
March	46.80	
April	9.50	
November	302.00	
		415.55
Balance		$ 509.37

BLOOD TRANSFUSION FUND

Balance—December 31, 1919	$ 509.03
Receipts, 1920	1,429.00
	$ 1,938.03
Expenditures	838.00
Balance	$ 1,100.03

NORTH WING BUILDING

Building Proper—	
Expenditures, 1919	$ 6,453.77
Expenditures, 1920	55,441.18
Equipment—	
Expenditures, 1920	10,176.07
	$ 72,071.02

BRANCH NURSES' HOME

Building Proper—	
Expenditures, 1919	$ 21,617.00
Expenditures, 1920	34,767.61
Equipment—	
Expenditures, 1920	3,114.16
	$ 59,498.77

LELAND TRUST FUND

Receipts

Balance, January 1st, 1920	$ 1,265.71	
Debenture Coupons	240.00	
		$ 1,505.71

Expenditures

May 28, 1920	$ 369.00	
June 11, 1920	11.69	
		380.69
		$ 1,125.02

OPERATING ROOM SUBSCRIPTION FUND

Total Subscriptions	$ 3,897.60
Paid	3,567.60
Due	$ 330.00

MOTSCHALL COMPANY
PRINTERS